

WORLDWIDE TV-FM DX ASSOCIATION
PO BOX 501 - SOMERSVILLE, CT 06072

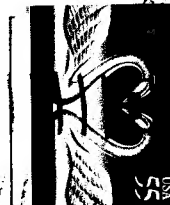
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FARMINGTON CT 06032

WORLDWIDE TV-FM DX ASSOCIATION

SERVING THE VHF-UHF DX ENTHUSIAST

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION, DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCAST SIGNALS AT VHF AND UHF. W.T.F.D.A. IS GOVERNED BY A BOARD OF DIRECTORS: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK, AND BILL THOMPSON.

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FROM THE STAFF:

E-SKIP SYNOPSIS: Depending on who you ask, this E-skip season has been anything between fantastic and a flop. They don't call it sporadic for nothing, and true to its' name, this year's event has been exactly that...sporadic. While there have been a few openings that made it into FM, the general feeling is that the season is pretty 'ho-hum'. The main oddities seem to be some unusually short hops and paths to seldom seen areas. Editors Greg Coniglio, John Zondlo, Victor Frank and Russell Miller have details in their columns. On that subject, here's a reminder to submit your reception reports to them in a timely manner. There are almost 300 VUD readers who would like to know what YOU logged.

THANKS TO DAVE AND GREG! As you read this the 1998 WTFDA Convention in Western New York State has just concluded. Deadlines don't permit inclusion of stats, but we knew in advance that a great weekend was planned, and anticipated a good turnout. Be on the lookout for a full report from co-hosts Dave Nieman and Greg Coniglio. If you missed our gathering you still have time to attend one or both of the AM club conventions. This is the last notice we will publish for these events:

IRCA - The International Radio Club of America gets together August 14-16 in Missoula, MT. For information contact Larry Godwin, 2390 Clydes Dale Lane, Missoula, MT 59804. Larry's e-mail address is <lbg@selway.unt.edu>.

NRC - The National Radio Club convenes Labor Day weekend in San Antonio. For information, contact John Bowker, 1811 Ft. Dusquena Drive, Sun City Center, FL 33573 or e-mail <wa2wen@juno.com>.

MEXICAN MEMOS: "TV TIME TUNNEL" this month is devoted to Mexican TV history, and since there's a bit of extra space here we'll include a couple of notes of interest gleaned from the internet DX Chat files...items passed along by WTFDA's tropo superdxe Fernando Garcia.

CATS AND DOGS: Fernando's dog is named 'tenna' (as in antenna)...and his cat's name is 'tropo'! Here's a guy who really takes the hobby seriously. We wondered if he had children but didn't ask. The possibilities are endless but his son's name could be 'Skip' and a daughter might possibly be 'Rotoria' (as in rotator). If they were twins that would probably indicate a 'double-hop'!

UFO: Fernando also told how his neighbors became fearful of a glimmering object in the sky...UNTIL...they discovered it was his screened parabolic UHF antenna! We suspect too much antenna oil (tequila/cerveza) was flowing at the next door neighbor's party!

HASTA LUEGO AMIGOS, Y BUENO DXING!

WTFDA MAILBOX

Worldwide TV-FM DX Association

P.O. Box 501, Somersville, CT 06072

Mike Bugaj

lkon@Netcom.com

REJOINS

Robert Grant, Detroit MI
Mark Humenyk, Weston, ON Canada
David Bush, Sebring, OH

Gads! These mail sacks are heavy! Renewals: Alfred Laun, Peter George, Joe Perge, John Johnson, Jeff Kruska, Tim Cronin, Dave Bright, John Marx, Mike Lapinski, William McGuire, Michael Hawk, James Wallace, Robert Ross, Michael Lazaro, David Austin, Stephen Ponder, Al Tobia, Leslie Green, Edward Ritchie, Stan Weisbeck, William Eckberg, Jeff Wolf, Chris Hanley, Glenn Lavender. I would like to thank Matt Sittel for continuing to send me mail that was sent to the Asheville address, and also for forwarding member email to me from people who were not receiving their VUDs.

Let's talk about some of the letters I've received recently. One member was a little upset that he was sending in items to various editors and finding that they were never printed. He was even more upset that he was never informed by the various editors why the items never made it into print. As far as the Mailbox is concerned, as people are already finding out, if you send something to me and if you are a WTFDAer with email, you will receive an acknowledgement telling you that I do or do not intend to use your submissions and why. And probably I will tell you in what month I intend to use it.

In another letter, a WTFDAer wondered why we don't list the publishers address and phone number in order to resolve problems. The member also wondered why the club doesn't have its own answering machine one could call to talk over and resolve problems. There was also a request for a membership list. As far as the list goes, it's club policy not to give out complete address lists. I don't think anyone wants their complete addresses given out. I sure don't. But if you have lost a friends address, or lost contact with another member I can help you. Regarding the answering machine, well, it would be great if we had a club office, but you won't find one. All the incoming mail and email comes to me here, where I use it or forward it to the correct person. You will find that I am pretty good at answering snail mail, and even better at replying to email. I don't think the club would fork over the money for a fax machine and a phone line. And regarding the publishers address and phone number, I think the fact that his email address is common knowledge should be enough.

Some of you who have received email from me know that I am actively soliciting comments, suggestions, gripes and complaints from any and everybody. If you wanted someone to complain to, you've found him. Some of you have been too kind. But one thread that seems to be running through your mail is the fact that you want no disruption in your VUD service around the period of your renewal date. We will try as much as humanly possible keep things flowing smoothly. However, if your check gets here late, or if you send your renewal to Asheville, all bets are off.

One member wished we had more technical articles, especially about signal propagation. However, he correctly added that you can't run articles you don't get from somebody. That is so true. If you noticed in the July VUD there was no QSL Corner. For there to be a QSL Corner, someone has to submit verie signers. And unfortunately, one of our veteran verie contributors is no longer with us.

Folks, I need your input regarding the WTFDA/ANARC situation. We need your mail and email comments. If you have something to say, say it now while there is time.

BANDSCANS ANYONE?

Dennis Smith of Santa Barbara, CA checks in with a few words about bandscans. Now I've been in the club a long long time, and every once in a while the subject comes up and opens up a can of worms. Well, lets open up another can right now, shall we?

Dennis writes: Would there be any interest and space in the VUD for a "bandscan-reporting" column? There have been such reports in the DX columns (though some editors publish them and some do not), as well as selected bandscans in the TV and FM News sections. However, it may be that the usual DX reporting columns are not the place for that, as it is not actual DX, whether a general bandscan from a temporary location, a scan of all locals with programming or networks, a travelling scan, etc. At the same time, more DXers are doing more travelling than ever before, with more portable and mobile equipment, to let us know what is out there to receive as potential DX by way of these scans, so there would seem to be the helpful interest in this type of reporting.

Let me put my 2 cents in here. Lets assume we decided to run bandscans. I agree with Dennis, a separate column for the scans (let's call it American Bandscan...with your host Dick Clark) would be the best way to showcase them. But you need a bandscan editor, and you need bandscan submitters, and I just wonder how much interest there is out there to support such a column. And some people absolutely hate bandscans. So, lets throw this question out to the membership.

TROPO 101

For those of you who don't know, the WTFDA has its own resident meteorologist in William Hepburn. For the past year, as an experiment, Will has been giving daily tropo forecasts on the internet. Recently Bill has had to curtail his forecasting due to heavy workload, but his forecasts remain one of the most popular attractions on the net. Here is his explanation of tropo formation. Caution: do not quit here and flip the page over to Southern FM or Western TV! There could possibly be a pop quiz on these pages next month. You never know what I'll do.

Basically, the atmosphere can have two conditions..unstable or stable. The atmosphere is unstable when warmer air is near the ground and colder air is aloft. (warm-cold in relative terms of course regardless of season). The warm air tends to rise because it is lighter (sparser) than the heavier (denser) cold air. These are the typical situations where you will see puffy cumuliform clouds that show the turbulent nature of the atmosphere. The air is usually more unstable in low pressure systems.

The atmosphere is stable when cooler air is near the ground and warmer air is aloft. Here, the cold air will tend to stay put as it is heavier and will not rise into the warm air. If fact, it can become so stable that a sharp boundary will form between the two temperature layers (often called an in-version), like oil and water. Again, temps are relative, so 75 degree air with 85 degree aloft is stable. So are 40 degree temps with 50 degrees aloft.

In this situation, the clouds are usually flat (stratiform) and often form just under the inversions where moisture sometimes becomes trapped. If this situation lasts for any length of time, any suspended particles build up and collect, creating haze and pollution and trapped VHF and UHF signals. They can refract off the inversion back to the ground at a distant location. So, over landmasses, haze and pollution come hand in hand with tropo.

Thanks for checking out the Mailbox, and I'll see you next month. And don't forget to write! -Mike

EUROPEAN DX SCENE-TV & FM

This is a sample of TV and FM DX taken from the logs of Bo Kristian Lindqvist's FMTVDX Web email list, which is a new email list that began in March of 1998. All times have been converted from UTC to EST. Take a look at what TV and FM dxers on the other side of the pond are logging:

May 1998

- 1 Es 0635 Southern Finland to Ukraine-R1, TV, first Es of the season? BKL
1030 Holland to Lisbon, muf 98mhz R Brand
- 4 Es 1200 Finland to Norway, E2, E3 and FM BKL
- 5 Es 0440 Southeast Finland to Ukraine HPI
0550 Central Germany to Moscow R1, R2 and OIRT R.Nostalgie-70.25 Jurgen
0530 Finland to Balkans, Belgrade, Croatia (89.4, 89.5) Kujala
0600 Netherlands to Russia 70.10 van Arnhem
- 6 Es 0405 Finland to Italy, TV to E4, FM to 92mhz BKL
0445 Denmark to Russia and Eastward R1, 67-68mhz Neilsen
1135 Netherlands-Spain E3, 60.75 mhz van Arnhem
- 8 Tr 0115 Seville Spain to central Portugal, Lisbon area Jorge
- 17 Tr 1230 Denmark to UK, TV only Neilsen
Es 1300 Finland to Italy, muf 100mhz BKL
- 18 Es 0700 Sweden to UK
0800 Finland to Hungary/Switzerland/Germany/Czech strong TV Es BKL
- 20 Es 1120 Belgium to Italy, up to 98.8 mhz Wijnants
- 21 Es 1300 Tunisia to Kenya. The dxer, on vacation in Djerba, in southern Tunisia, watches KBC ch2 Kisumu Kenya every day for a week. Signal consists of strong video w/much shadowing...like F2 or TEP. Audio is perfect. Our dxer is using a dipole on a balcony of the hotel, with the view to the northeast. He's not sure if this is Es, F2 or TEP. R Brand/Neth.
- 22 R Brand reports this is a terrible start to the Es season
23 Dxr in Southern Sweden still looking for his first Es.
- May 16-23 DXer vacationing at Lake Balaton in Hungary has Es for five days.
17th Es from Turkey 89.0
18th Es from Greece
20th Es from Lebanon, Jordan, Cyprus, Turkey and Israel.
Lebanon-> 88.6, 89.6, 88.0
Jordan-> 90.0, 96.3, 99.0
Israel-> 95.5 and 100.2, Cairo up to 108.0
21st Es from Egypt and Libya on 89.3, 91.9, 93.4, 96.6, 98.0
23rd Es from Spain 88.6

For those of you who would like to read more of this list on the web, go to Bo Kristian Lindqvist's web site at www.sci.fi and click on email list. BKL has the past three months worth of email list postings for you to read. Please write or email me if you would like to see this European list featured again in the VUD. -Mike Bugaj

This month we feature new photos from Fernando Garcia, Guadalupe, NL, Mexico. Outstanding tropo, Fernando! He promises more from the historic May Gulf opening that lasted practically all month long. First, here are some photos from my visit with him in April:

Me (left) and Fernando in front of his casa:



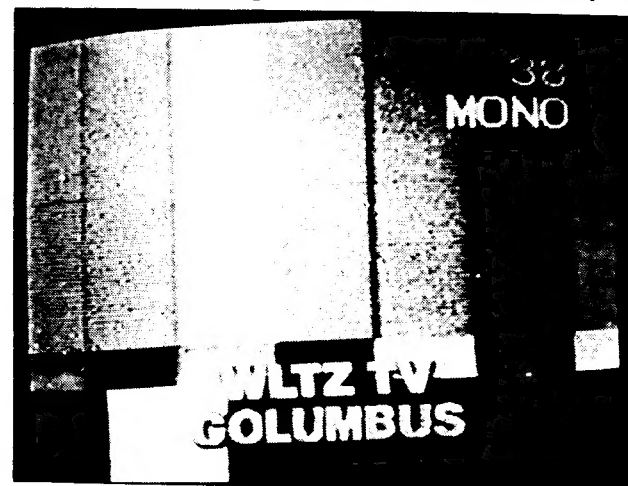
Fernando's shack interior and TV, located just below the tower (DX, as usual, is in!):



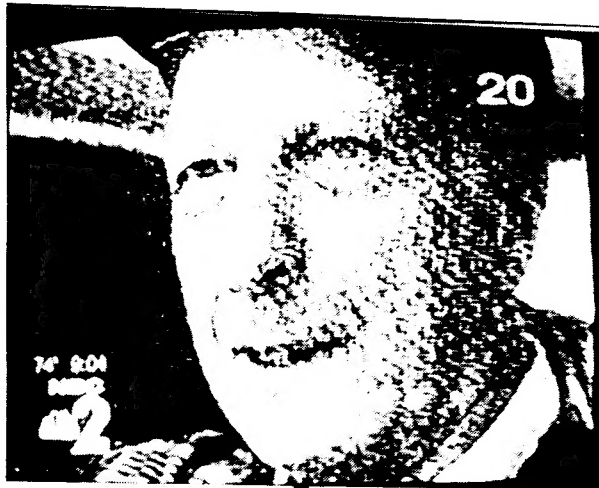
The magnificent 7' dish can be seen for miles around!



Equipment: Sony KV-27EXR15 TV, screened CM 7' dish @85' w/RG-11 and UA-900 preamp. Sony KV-13TR27 TV, CM 1110 @30' w/RG-6. Archer V-110, CM 8-bay UHF array at 60'.

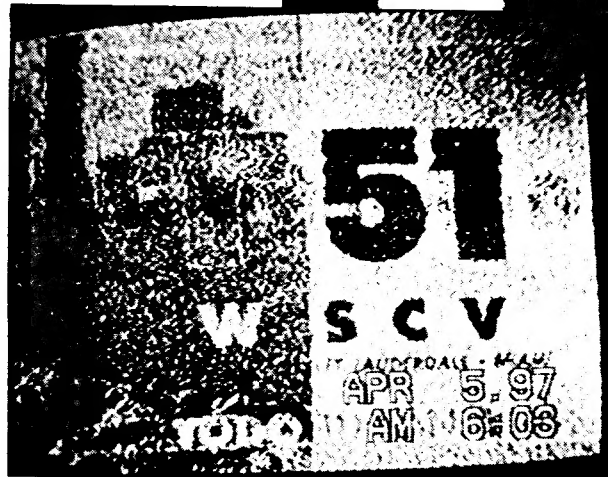
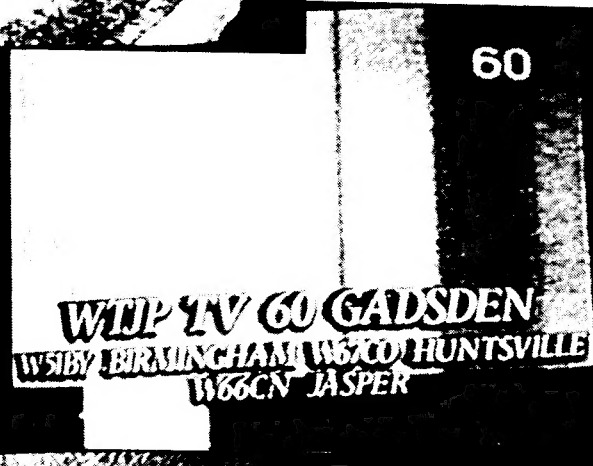


WLTZ-38 Columbus, GA
1036 mi Tr seen 4/13/98
@0400 CT



WBBH-20 Ft. Myers, FL
1144 mi Tr seen 4/5/98
@ 0804 CT
"Note ch. 2 (cable?) reference"

WTJP-60 Gadsden, AL
998 mi Tr seen 4/13/98
@0200 CT



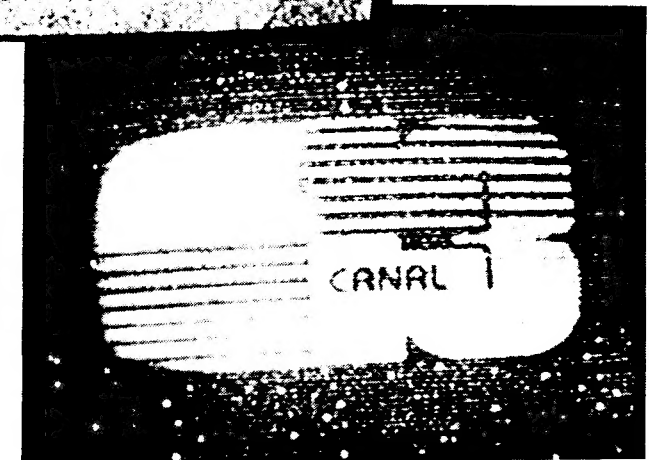
WSCV-51 Ft. Lauderdale, FL
1242 mi Tr seen 4/15/98
@0600 CT



WFTX-36 Cape Coral, FL
1142 mi Tr seen 4/5/98
@0700 CT



XHCCU-13, Cancun, QR
897 mi Tr seen 4/11/98
@0700 CT
"La Imagen del Caribe Mexicana"



XHST-13 Merida, YU
780 mi Tr seen 4/10/98
@2330 CT

TV NEWS

Douglas E. Smith W9WI
1385 Old Clarksville Pike
Pleasant View, TN 37146-8098
w9wi@bellsouth.net

August 1998

*: non-commercial station
+/-: plus/minus offset
z/n: zero/no offset
*: Digital TV station

APPLICATIONS FOR NEW STATIONS

St	Ch	ERP	Ht.	City	Applicant	Latitude	Longitude
CA	25*	316	205	San Diego	KGTV [10]	32-50-20	117-14-56
FL	9*	15.9	294	Miami	WPLG [10]	25-57-59	80-12-44
IN	9*	15.9	284	Indpls.	WISH [8]	39-53-25	86-21-20
MO	43*	971	337	St. Louis	KTVI [2]		
OH	10*	13.7	280	Cincinnati	WCPO [9]	39-07-30	84-29-56
TX	14*	475	500	Dallas	KERA [13]	32-34-43	96-57-12
VA	41*	531	344	Hampton	WVEC [13]	36-49-00	76-28-06

CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS

St	Ch	ERP	Ht.	City	Applicant	Latitude	Longitude
AR	*36z	2600	346	Little Rock		34-47-56	92-29-44
BC	20	.005		Passmore	Knowledge Network		
BC	3	.001		Slocan	CKTN [8], CTV		
BC	6	.001		Slocan	Knowledge Network		
BC	7	.001		Slocan	to relay KXLY [4], ABC		
BC	10	.001		Slocan	to relay KREM [2], CBS		
CA	29*	1000	401	S. Francisco	KPIX [5]	37-45-20	122-27-05
DC	36*	1000	201	Washington	WTG [5]	38-57-22	77-04-59
FL	9*	15.9	294	Miami	WPLG [10]	25-57-59	80-12-44
MA	20*	200	191	Boston	WCVB [5]	42-18-37	71-14-14
MI	44*	200	323	Detroit	WWJ [62]	42-26-52	83-10-23
MO	43*	834	337	St. Louis	KTVI [2]	38-32-07	90-22-23
MO	56*	1000	333	St. Louis	KMOV [4]	38-31-47	90-17-58
MS	*31-	760	96	Cleveland	MS ETV	33-44-01	90-42-50
MS	*43z	743	141	Columbus	MS ETV	33-32-54	88-23-45
MS	45+	5000	506	Houston		33-47-40	89-05-16
MS	*32-	769	11	Yazoo City	MS ETV	32-50-48	90-23-18
ND	*22*	97	392	Bismarck	KBME [3]	46-35-23	100-48-02
PA	26*	770	375	Phila.	KYW [3]	40-02-33	75-14-33
PA	42*	317	161	Phila.	WTXF [29]	40-03-33	75-14-21
PA	64*	1000	332	Phila.	WPVI [6]	40-02-33	75-14-33
PA	67*	759	343	Phila.	WCAU [10]	40-02-31	75-14-12
TX	27*	261	534	Houston	KRIV [26]	29-34-28	95-29-37
TX	18z	3680	202	Midland	Univision	31-54-48	102-02-39
WY	9+	1.78	291	Sheridan	KTVQ [2], CBS	44-37-20	107-06-55

APPLICATIONS TO CHANGE EXISTING STATIONS

St	Ch	ERP	Ht.	City	Call	Latitude	Longitude
CT	61+	4990	611	Hartford	WTIC-TV	41-42-19	72-49-51
FL	10+	nc	307	Miami	WPLG		
GA	64-	1148	223	Macon	WGNM	32-45-51	83-33-32
KY	65z	1259	207	Beattyville	WLJC-TV		
OH	7+	nc	nc	Dayton	WHIO-TV	39-44-02	84-14-52
(Correct coordinates - no move)							
OH	45z	nc	351	Dayton	WRGT-TV		
PA	8+	nc	418	Lancaster	WGAL		(correction only)
PA	15+	12.9	nc	Lebanon	WLYH-TV		(aux. Backup only)
TX	26z	1000	318	Houston	KRIV		(aux. Backup only)
VA	13-	177	373	Hampton	WVEC-TV	36-49-00	76-28-06

CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	Ht.	City	Call	Latitude	Longitude
AL	31+	5000	nc	Huntsville	WAAY-TV		
AR	29+	nc	266	Fayetteville	KHOG-TV		
AZ	15-	4000	nc	Phoenix	KNXV-TV		
AZ	33z	2290	510	Phoenix	KTVW-TV		
DC	30z	20.7	nc	Washington	WMDO-LP		
FL	46z	5000	nc	Naples	WTVK		
FL	38z	5000	nc	St. Petersburg	WTTA		
FL	12z	nc	309	W. Palm Beach	WPEC	26-35-18	80-12-30
GA	59-	113	nc	Atlanta	WSKC-LP		
IA	17+	5000	462	Des Moines	KDSM-TV	41-48-01	93-36-27

CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	Ht.	City	Call	Latitude	Longitude
IA	46-	69.3		Des Moines	K46EY	from K23DM	
IA	40-	5000	266	Dubuque	KFXB		
ID	12+	198	802	Nampa	KTRV	43-44-40	116-06-33
IL	34z	1.2		Arlington Hts.	W34CK	41-53-56	87-37-23
(From W17BD)							
IL	60z	nc	512	Aurora	WEHS-TV		
IL	16+	1035	308	Quincy	WTJR		
IN	63+	5000	328	Bloomington	W1IB	39-24-16	86-08-37
IN	29-	5000	nc	Kokomo	WTTK		
KY	56z	5000	351	Danville	WDKY-TV		
KY	21-	1710	223	Louisville	WBNA	38-22-02	85-49-53
KY	*68+	1360	251	Louisville	WKMJ-TV	38-22-01	85-49-54
KY	19+	5000	nc	Newport	WXIX-TV		
LA	26z	5000	nc	New Orleans	WGNO		
MA	66z	5000	356	Marlborough	WHSN-TV	42-23-03	71-29-41
MI	*28-	5000	nc	Flint	WFUM		
MI	8-	316	171	Iron Mountain	WDHS		
MO	41-	4000	nc	Kansas City	KSHB-TV		
MS	8z	0.022	nc	Cleveland	WHCO-LP	33-45-30	90-43-28
NC	17-	nc	610	Goldsboro	WNCN	35-40-29	78-31-40
NM	29+	75	159	Hobbs	KHFT		
OH	3z	93	312	Cleveland	WKYC-TV		
OK	34-	5000	371	Okla. City	KOCB	35-33-36	97-29-07
OK	47z	5000	nc	Tulsa	KWHB		
PA	56z	nc	503	Hazleton	WWLF-TV	41-11-00	75-52-10
TN	17+	5000	nc	Nashville	WZTV		
TX	42-	5000	394	Austin	KEYE-TV		
TX	67n	nc	nc	San Antonio	KDWZ-LP	29-25-30	98-29-03
WI	5+	nc	384	Green Bay	WFRV-TV	44-24-21	88-00-19

APPLICATIONS TO CHANGE CONSTRUCTION PERMITS

St	Ch	ERP	Ht.	City	Call	Latitude	Longitude
FL	31-	30		Orlando	W31AU		
TX	2+	nc	413	Fredericksburg	KBEJ	30-08-13	98-36-35
WA	34-	2840	450	Spokane	KGPX		

CHANGES GRANTED TO CONSTRUCTION PERMITS

St	Ch	ERP	Ht.	City	Call	Latitude	Longitude
CA	7-	0.249	nc	Atascadero	K07WA		
CA	6+	0.053	nc	Big Bear L. Vly.	K06MU		
CA	10z	nc	nc	Lompoc	K10OG	??????	120-26-42
FL	58z	138	57	Ft. Walton Bch.	WAWD	30-23-43	86-30-11
NE	28-	nc	nc	Columbus	K28EN	(from ch. 28+)	
NE	15z	nc	554	Omaha	KXVO	41-04-15	96-13-30
OH	57-	0.774	nc	Steubenville	W57BH		
PA	69z	1783	313	Allentown	WFMZ-TV		
TX	55+	nc	553	Conroe	KTBU	30-13-53	95-07-26
TX	40z	5000	576	Rio Grande City	KAIO	26-31-01	98-39-07
TX	63+	6.9	nc	San Antonio	K63GD	29-31-27	98-37-05
WA	45+	276	346	Seattle	KHCY	47-32-39	122-06-32

The wireless-cable systems at Anchorage and Fairbanks, Alaska have been granted power changes as follows:

Anchorage (3.6KW):
K16EN K16FO K33EP K43EY K44EK K44EN K49EE K50EP K52FI K53FN K63FT K64FA K66GU
K67SD K68FF

Fairbanks (9.0KW):
K14UL K16EY K16EN K16FO K16GU K16H K16I K16J K16K K16L K16M K16N K16O K16P K16Q K16R K16S K16T K16U K16V K16W K16X K16Y K16Z K17A K17B K17C K17D K17E K17F K17G K17H K17I K17J K17K K17L K17M K17N K17O K17P K17Q K17R K17S K17T K17U K17V K17W K17X K17Y K17Z K18A K18B K18C K18D K18E K18F K18G K18H K18I K18J K18K K18L K18M K18N K18O K18P K18Q K18R K18S K18T K18U K18V K18W K18X K18Y K18Z K19A K19B K19C K19D K19E K19F K19G K19H K19I K19J K19K K19L K19M K19N K19O K19P K19Q K19R K19S K19T K19U K19V K19W K19X K19Y K19Z K20A K20B K20C K20D K20E K20F K20G K20H K20I K20J K20K K20L K20M K20N K20O K20P K20Q K20R K20S K20T K20U K20V K20W K20X K20Y K20Z K21A K21B K21C K21D K21E K21F K21G K21H K21I K21J K21K K21L K21M K21N K21O K21P K21Q K21R K21S K21T K21U K21V K21W K21X K21Y K21Z K22A K22B K22C K22D K22E K22F K22G K22H K22I K22J K22K K22L K22M K22N K22O K22P K22Q K22R K22S K22T K22U K22V K22W K22X K22Y K22Z K23A K23B K23C K23D K23E K23F K23G K23H K23I K23J K23K K23L K23M K23N K23O K23P K23Q K23R K23S K23T K23U K23V K23W K23X K23Y K23Z K24A K24B K24C K24D K24E K24F K24G K24H K24I K24J K24K K24L K24M K24N K24O K24P K24Q K24R K24S K24T K24U K24V K24W K24X K24Y K24Z K25A K25B K25C K25D K25E K25F K25G K25H K25I K25J K25K K25L K25M K25N K25O K25P K25Q K25R K25S K25T K25U K25V K25W K25X K25Y K25Z K26A K26B K26C K26D K26E K26F K26G K26H K26I K26J K26K K26L K26M K26N K26O K26P K26Q K26R K26S K26T K26U K26V K26W K26X K26Y K26Z K27A K27B K27C K27D K27E K27F K27G K27H K27I K27J K27K K27L K27M K27N K27O K27P K27Q K27R K27S K27T K27U K27V K27W K27X K27Y K27Z K28A K28B K28C K28D K28E K28F K28G K28H K28I K28J K28K K28L K28M K28N K28O K28P K28Q K28R K28S K28T K28U K28V K28W K28X K28Y K28Z K29A K29B K29C K29D K29E K29F K29G K29H K29I K29J K29K K29L K29M K29N K29O K29P K29Q K29R K29S K29T K29U K29V K29W K29X K29Y K29Z K30A K30B K30C K30D K30E K30F K30G K30H K30I K30J K30K K30L K30M K30N K30O K30P K30Q K30R K30S K30T K30U K30V K30W K30X K30Y K30Z K31A K31B K31C K31D K31E K31F K31G K31H K31I K31J K31K K31L K31M K31N K31O K31P K31Q K31R K31S K31T K31U K31V K31W K31X K31Y K31Z K32A K32B K32C K32D K32E K32F K32G K32H K32I K32J K32K K32L K32M K32N K32O K32P K32Q K32R K32S K32T K32U K32V K32W K32X K32Y K32Z K33A K33B K33C K33D K33E K33F K33G K33H K33I K33J K33K K33L K33M K33N K33O K33P K33Q K33R K33S K33T K33U K33V K33W K33X K33Y K33Z K34A K34B K34C K34D K34E K34F K34G K34H K34I K34J K34K K34L K34M K34N K34O K34P K34Q K34R K34S K34T K34U K34V K34W K34X K34Y K34Z K35A K35B K35C K35D K35E K35F K35G K35H K35I K35J K35K K35L K35M K35N K35O K35P K35Q K35R K35S K35T K35U K35V K35W K35X K35Y K35Z K36A K36B K36C K36D K36E K36F K36G K36H K36I K36J K36K K36L K36M K36N K36O K36P K36Q K36R K36S K36T K36U K36V K36W K36X K36Y K36Z K37A K37B K37C K37D K37E K37F K37G K37H K37I K37J K37K K37L K37M K37N K37O K37P K37Q K37R K37S K37T K37U K37V K37W K37X K37Y K37Z K38A K38B K38C K38D K38E K38F K38G K38H K38I K38J K38K K38L K38M K38N K38O K38P K38Q K38R K38S K38T K38U K38V K38W K38X K38Y K38Z K39A K39B K39C K39D K39E K39F K39G K39H K39I K39J K39K K39L K39M K39N K39O K39P K39Q K39R K39S K39T K39U K39V K39W K39X K39Y K39Z K40A K40B K40C K40D K40E K40F K40G K40H K40I K40J K40K K40L K40M K40N K40O K40P K40Q K40R K40S K40T K40U K40V K40W K40X K40Y K40Z K41A K41B K41C K41D K41E K41F K41G K41H K41I K41J K41K K41L K41M K41N K41O K41P K41Q K41R K41S K41T K41U K41V K41W K41X K41Y K41Z K42A K42B K42C K42D K42E K42F K42G K42H K42I K42J K42K K42L K42M K42N K42O K42P K42Q K42R K42S K42T K42U K42V K42W K42X K42Y K42Z K43A K43B K43C K43D K43E K43F K43G K43H K43I K43J K43K K43L K43M K43N K43O K43P K43Q K43R K43S K43T K43U K43V K43W K43X K43Y K43Z K44A K44B K44C K44D K44E K44F K44G K44H K44I K44J K44K K44L K44M K44N K44O K44P K44Q K44R K44S K44T K44U K44V K44W K44X K44Y K44Z K45A K45B K45C K45D K45E K45F K45G K45H K45I K45J K45K K45L K45M K45N K45O K45P K45Q K45R K45S K45T K45U K45V K45W K45X K45Y K45Z K46A K46B K46C K46D K46E K46F K46G K46H K46I K46J K46K K46L K46M K46N K46O K46P K46Q K46R K46S K46T K46U K46V K46W K46X K46Y K46Z K47A K47B K47C K47D K47E K47F K47G K47H K47I K47J K47K K47L K47M K47N K47O K47P K47Q K47R K47S K47T K47U K47V K47W K47X K47Y K47Z K48A K48B K48C K48D K48E K48F K48G K48H K48I K48J K48K K48L K48M K48N K48O K48P K48Q K48R K48S K48T K48U K48V K48W K48X K48Y K48Z K49A K49B K49C K49D K49E K49F K49G K49H K49I K49J K49K K49L K49M K49N K49O K49P K49Q K49R K49S K49T K49U K49V K49W K49X K49Y K49Z K50A K50B K50C K50D K50E K50F K50G K50H K50I K50J K50K K50L K50M K50N K50O K50P K50Q K50R K50S K50T K50U K50V K50W K50X K50Y K50Z K51A K51B K51C K51D K51E K51F K51G K51H K51I K51J K51K K51L K51M K51N K51O K51P K51Q K51R K51S K51T K51U K51V K51W K51X K51Y K51Z K52A K52B K52C K52D K52E K52F K52G K52H K52I K52J K52K K52L K52M K52N K52O K52P K52Q K52R K52S K52T K52U K52V K52W K52X K52Y K52Z K53A K53B K53C K53D K53E K53F K53G K53H K53I K53J K53K K53L K53M K53N K53O K53P K53Q K53R K53S K53T K53U K53V K53W K53X K53Y K53Z K54A K54B K54C K54D K54E K54F K54G K54H K54I K54J K54K K54L K54M K54N K54O K54P K54Q K54R K54S K54T K54U K54V K54W K54X K54Y K54Z K55A K55B K55C K55D K55E K55F K55G K55H K55I K55J K55K K55L K55M K55N K55O K55P K55Q K55R K55S K55T K55U K55V K55W K55X K55Y K55Z K56A K56B K56C K56D K56E K56F K56G K56H K56I K56J K56K K56L K56M K56N K56O K56P K56Q K56R K56S K56T K56U K56V K56W K56X K56Y K56Z K57A K57B K57C K57D K57E K57F K57G K57H K57I K57J K57K K57L K57M K57N K57O K57P K57Q K57R K57S K57T

TECHNICAL CHANGES ON THE AIR

St	Ch	Call	City	What Happened
CA	442	K44DT	Simi Valley	Minor power decrease; major tower height increase; move about 40km east and change city from Santa Paula.
CO	69n	K69CD	Holyoke	Major power & minor tower height increases; move a few meters north.
NC	35-	WARZ-LP	Smithfield	Minor power & moderate tower height increases.
NY	18+	WETM-TV	Elmira	Major power increase.
OK	43z	KELF-LP	Grove	Major power & minor tower height increases.
OK	62+	KOPX	Okla. City	Major power & moderate tower height increases; move about 2km south-southwest; change from zero offset.
OR	55n	K55CM	Gold Beach	move a few meters northeast, moderate tower height increase.
VA	*15z	WHRO-TV	Hampton	Minor power increase.
WI	14-	WPXG	Suring	Major power & minor tower height increases; move about 25km southeast.

NEW-STATION APPLICATIONS DISMISSED/DENIED/ETC.

St	City	Channel	St	City	Channel
MD	Baltimore	30	MS	Houston	45, 4 apps
TX	Midland	18, 8 apps	VA	Dale City	30
VA	Manassas	30			

CHANGES DISMISSED/DENIED/ETC.

St	City	Call	St	City	Call
TN	Jackson	W46CG	TX	Amarillo	K67GW
TX	Brownsville	K17EK (to 28)			

STATIONS DELETED/DISMISSED/ETC.

St	City	Call	St	City	Call
FL	Ft. Myers	W59CY	GA	Augusta	W46CQ
MN	Erhard	K33EN, K65GG	NC	Midway	W41BS, W52BY
SC	Columbia	W67DP	SC	Honea Path	W45BP
SC	Summerville	W48BV	TN	Memphis	W14CF [59]
TX	Beaumont	K21DT	CA	Arroyo Grande	K08MD

CALL CHANGES

Was:	Now	City	Was:	Now	City
K07WS	KJLF-LP	San Antonio, TX	NEW [24]	KBGC	Pullman, WA
K33BY	KJOI-LP	Bakersfield, CA	NEW [18]	KBGC	Farwell, TX
K52CQ	WLFT-LP	Baton Rouge, LA	NEW [3]	KBGF	Douglas, AZ
K60ES	KCSO-LP	Sacramento, CA	NEW [23]	WBDJ	Waterville, ME
KBDF [23]	KPWB-TV	Ames, IA	NEW [21]	WPXO	Minden, LA
KBEU [34]	KGFX	Spokane, WA	NEW [30]	KBGB	Odessa, TX
W08BV	WINJ	Columbus, OH	KBSP [22]	KPKG	Salem, OR
KMPH-LP [58]	KBFX-LP	Bakersfield, CA	WFB1 [50]	WPXX	Memphis, TN
KTLC [43]	KPSG	Oklahoma City	WHTV-LP [19]	WJHJ	Williamsburg, VA
WPNS-LP [8]	WRBD	Pensacola, FL	KBGB [30]	KPKX	Odessa, TX
WYHS [69]	WAMI-TV	Hollywood, FL	W65DI	WCNT	Chattanooga, TN
W47BA	WDGA-LP	Dalton, GA	W27BQ	WTNB	Cleveland, TN
K28DK	KJLR-LP	Little Rock, AR	W30BF	KZJG	Little Rock, AR

The following stations have dropped the -TV suffix:

KDFW [4] KTBC [7] WAGA [5] WGHP [8] WITI [6] WJBK [2] WJW [8]

PROGRAMMING CHANGES

Call	Location	Programming
"KATH" [?] Juneau, AK		NBC.
KSCT-LP [5] Sitka, AK		NBC & WB.
K52EG Yuma, AZ		sold to 3ABN.

PROGRAMMING CHANGES

Call	Location	Programming
K16EI	Yuma, AZ	also sold to 3ABN.
KJOI-LP [33]	Bakersfield, CA	to VCC shopping.
KVHF-LP [4]	Fresno, CA	"HTV" Hispanic videos.
K28EZ	Fresno, CA	"KJKZ-TV" (still VCC).
KQJA-LP [68]	Fresno, CA	from VCC to PSN.
W30BF	Bangor, ME	sold by Maine PBS.
KBBJ [9]	Havre, MT	co-owned with KTVH [12], NBC.
KBAO [13]	Lewistown, MT	co-owned with KTVH [12], NBC.
KYUS [3]	Miles City, MT	now a satellite of KULR [8], NBC.
WLYJ [46]	Clarksburg, WV	sold, to no longer be religious?

OTHER STUFF

K19DD Scottsdale, Arizona has requested experimental permission to operate as a DTV station. KSCI [18] San Bernardino, California has applied to change its city of license to Long Beach. No change in transmitter location has been requested. WYOW [34] Eagle River, Wisconsin has been sold to Shockley Communications. It was already relaying Shockley's WACW [9] Wausau.

NBC's Web site lists a KATH Juneau as an affiliate. It doesn't say what channel the station operates on, and there is no KATH or KATH-LP.

As I feared, the LPTV Displacement Applications got out of hand in a real hurry.. I had five pages full with a week left before column deadline, and the FCC has been releasing a couple of dozen more every day. Printing all of them would probably result in a VUD containing LPTV displacements and nothing else! I will make an attempt to keep a current list on my Web page at personal.bna.bellsouth.net/~w9wi - no promises though!

A WKOW-TV engineer reported on the Internet that the digital transmitter on channel 26 was first tested on June 25. He indicated the test ended with the carrier being cut on and off to send the station's callsign in Morse Code - do not expect this to be a regular feature of DTV broadcasts!

Randy Miltier corrects me on the programming source for the new KBDM [20] Yreka, CA. KIXE [9]'s ownership is not common with the new station, and KIXE personnel don't know anything about it. My guess is it'll be a religious station. Randy also believes KOTI [2]'s power increase is now on the air. They hold a CP to go from 35.5 to 85.1KW from the same site.

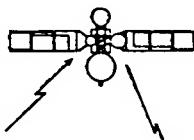
Thanks to Chip Kelley for the Alaska and KYUS programming info, and for directing me to the Cocola Broadcasting Web page (cocolatv.com), no "www" needed) for the California programming info.

Dave Nieman (our convention host!) Sent an item from the Buffalo News about WNGS [67] Springville, one of the last of the "ma and pa" TV stations. Yes, the call letters stand for Wings - quoting co-owner Bill Smith, "Buffalo wings are just huge at Penn State. We spent many an evening having wings for dinner." Smith met his co-owner and wife Caroline Powley at the Pennsylvania engineering college. Powley's father John operated WOPC [23] Altoona (now WATM) for many years. Tower chasing during family vacations wasn't very enjoyable for Ms. Powley as a child - but it led to a vocation, and eventually the application for channel 67. Now that the station has a UPN affiliation and carriage on TCI cable in Buffalo, financing has been received to increase power to 5000KW and increase the tower height. (the FCC has already approved the application)

I received a clipping on DTV from the July 9 Atlanta Journal-Constitution, but the sender forgot to write their name on the clipping or envelope, so I don't know who to credit! We're out of space anyway; I'll use this one next month. Hope everyone enjoys the convention, and the Es that's been leading up to it..

73 Doug

SATELLITE NEWS



GEORGE W. JENSEN
4604 ANNTANA AVE
BALTIMORE MD 21206-4220

This month- a review of Audio-Sub-Carriers which I have neglected for several years.

First - though - new on the video/digital side:

NEW SATELLITE:- Intelsat 8?? at app. 40 West -

4DTV receiver gives it an I2 designation with 32 C

Band transponders. - Here's what's on - all with grade A+ signals -

ATC - Buenos Aires, Argentina in PAL color with Radio

Nacional de Buenos Aires sub-carrier

digital:

750 -

751 -

752 - Senal Colombia - type of public/educational channel

753 - Teleantioquia - medellin?

754 - Tele Caribe - Barranquilla/Cartegena?

755 - Telepacifico - Cali

756 - audio only from Canal Uno - Bogota?

757 - open

Anik E2 - Ku digital

434 - WSBK - Boston, Massachusetts

Satcom 3

24 - Military Channel

Telstar 5 - all digital feeds gone except 584 - C-Span 1

Telstar 402 - 3 - Exxxplore in now Rogue in VC2

NOW to the new sub-carrier listings

Satcom C1

2 - Radio America/People's Radio Network

3 - Colorado Rockies Talking Book service

6 - Bonneville International Latter Day Saints Radio/

World Web News Network

10 - KHCB - 105.7 FM - Houston, Texas

14 - Orbit 7 Radio Network

21 - Cable Radio Network

Satcom C4 -

8 - United Video Background Music

10 - In-Touch Reading Service/Business News Network/

WUSF - 89.7FM Tamoa, Florida

24 - AM 650 - WSM - Nashville, Tennessee

Galaxy 1 -

11 - WEWN - Birmingham, Alabama - EWTN's Short Wave services

17 - Amerinet/Mix 106 FM - Charlotte, North Carolina

24 - Yesterday U.S.A.

Satcom C3-

7 - World Radio Network/BBC World Service

13 - Classical Music - NO ID

Galaxy 5

2 - KLON - 88.1FM - Jazz FM - Long Beach, California/

Cable Radio Network/Music Channel - no ID

6 - Brother Stairs Radio/World Radio Network

7 - WFMT - 98.7 FM - Chicago, Illinois/Yesterday U.S.A

11 - WYNS AM 670 - Hampton Roads, Virginia

17 - CNN Radio News en Espanol

21 - Super Audio Music Channels

Morelos 2

8 - XEWA - San Luis Potosi/Monterrey 540 kHz

14 - XEW - 900 - Mexico City, Mexico

Anik E2 - C-Band

1 - CBF-FM 100.7 - Montreal, Quebec/CBM-AM 940 - Montreal

5 - WOKI 100.3 FM "The Eagle" - Knoxville/Oak Ridge, Tenn

GE Americom GE1 -

4 - Radio Tropical - French

12 - Wisdom Radio/West Virginia Public Radio

16 - a Hindi/Punjabi radio Service

22 - Deutsches Welle Radio feeds and Short Wave radio feeds

Ku-Band -

22 - no sign of KAZN, but a station with a totally unidentifiable language and NO english ID's

Spacenet 4

14 - WQXR 96.3 FM - New York, New York/Antenna Radio Greek

16 - WCBS 101.1 FM New York, New York

19 - American Freedom Network (KHNC 1360 Johnston Col with

KTMG 1370 Deer Trail, Colorado)/Truth Radio Network

Galaxy 6:-

6 - KBVA - 106.5 FM - Belle Vista, Srkansas/WCRP - 88.1 FM

Guayama, Puerto Rico/Ozarkana Big Band Radio/IAM -

relegious

15 - WHME - 103.1 - South Bend, Indiana/World Harvest

radio International Short Wave Radio Feeds

Telstar 5 -

Radio Desjardins feeds on one of the porn channels

Galaxy 3 -

9 - Beautiful Music - No ID

Galaxy 7 -

10 - Radio Maria - Italian from Rome/Radio Maria - Polish

from Warsaw/Radio Dubai - 1314 - Dubai, U A E

14 - RAI - Italian Radio Network from Rome, Italy/Republic

Radio International

19 - WCBS - 880 AM - New York, New York

GE Americom - GE3 -

3 - WROL - 950 - Boston, Massachusetts

15 - Ambassador Radio

6 - WCCO - Minneapolis/St. Paul, Minnesota (830)

9 - Talk America 1 and 2

GE Americom GE2

22 - Aram Radio Network of America - WWTL - 700 kHz -

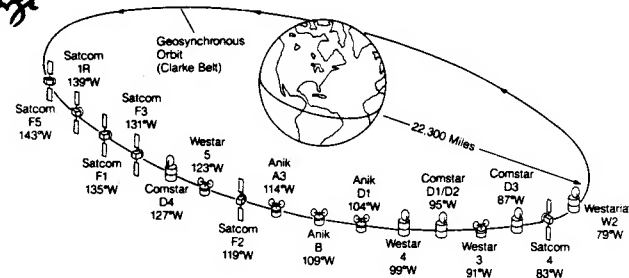
Walkersville, Maryland - serves the Washington D.C.

area

Intelsat 27.5 West - 14 - Jazz FM 102.2 - London, England

That's all for this month - see you in 30

George





SOUTH OF THE BORDER

(U. S. and Canadian DXers aren't likely to think of Mexico when naming early television pioneers or technical accomplishments. As a result, we have missed some very interesting developments. The following information, found in the website of Mexico's equivalent of the National Association of Broadcasters, was translated by Doug Smith and edited by Tom Bryant. It gives us a glimpse of Mexico's role in TV development... a role that is often overlooked.)

The first attempts at television in Mexico were demonstrated in 1934 by a 17 year old student at the National Polytechnic Institute who had undertaken experiments with a closed-circuit television system in a small laboratory located at radio station XEFO.

For several years that student, Guillermo Gonzalez Camarena, who later became an internationally recognized engineer, worked with his original equipment; and in 1939 he impacted the world by inventing the Trichromatic Sequential System for COLOR TELEVISION. Camarena obtained patents for his invention both in Mexico and in the United States on August 19, 1940.

The first over-the-air black and white transmission in Mexico took place on August 19, 1946. It originated from the

bathroom of 74 Havre St. in the capitol; the home of engineer Gonzales Camarena. The success was such that, on September 7 of that year at 8:30pm, XEIGC, the first experimental television station in Latin America was inaugurated. This station transmitted a program of artists and interviews on Saturdays for two years. In September of 1948, daily broadcasts began. Thousands of people saw the broadcasts thanks to receiving apparatus installed in various commercial centers.

For all this work, we recognize the engineer Gonzalez Camarena as the Father of Mexican Television.

The first commercial TV station in Mexico, and Latin America, was inaugurated on August 31, 1950. On September 1, it began its first scheduled programs with a lecture of "TV Informe de Gobierno del Presidente de Mexico", Lic. Miguel Aleman Valdes, over the O'Farrill family's station XHDF-TV channel 4. In this year, XETV channel 6 in Tijuana, Baja California and XEQ-TV channel 9 (at the time signing XHTM on channel 10) in Altzomoni, Mexico State, also began broadcasting.

XEW-TV channel 2, property of the Azcarraga family, began in 1951 from Delta Park in Mexico City. This same year, XHGC channel 5, belonging to Guillermo Gonzalez Camarena, also appeared on the television dial. Another 1951 milestone was the transmission of anatomy lectures from the National School of Medicine. Later stations included XEIPN channel 11 (1959) of the National Polytechnic Institute, XHTIM channel 8 (1968) of the Monterrey Group (today XEQ-TV channel 9 of the Televisa consortium), and XHDF channel 13 (1968).

It was in 1968 that our country entered the era of satellite communications, to transmit to the world the diverse events of the 19th Olympic Games "Mexico 68". 17 years later, in 1985, we placed in orbit the first two national communications satellites, Morelos I and II. In 1992 and 1993, we orbited two more satellites, Solidarity I and II. These satellites, using the most advanced technologies of radio and television transmission, have the capacity to offer telecommunications to all of Mexico's territory and to 23 countries of the American continent.

SOUTHERN FM DX

For DXers in AL, AR, AZ, CA, CO, DE, DC, FL, GA, HI, KS, KY, LA, MD, MS, NC, NV, OK, SC, TN, TX, UT, WV and Mexico

August 1998

John Zondio
4009 Driftwood Circle
Yukon, OK 73199
E-mail: jzondio@aol.com
Deadline: 12th

Check out my website, FM DX Web!
It's at <http://members.aol.com/fmdxweb>

Pat Dyer - WA5IYX
5315 Silvertip Drive
San Antonio, TX 78228-2744
<http://home.swebell.net/pjdyer/index.html>
pjdyer@juno.com CDT

Realistic TM-1001 tuner (two IF mod w/150 kHz filters) into Allied 426. 52 ohm step-attenuator box used to reduce local intermod/overload when needed. 6 element Archer antenna at 20' with rotor.

6/3 Es					0013 WWRM	94.9	FL	Tampa, "warm" 997
0855 KXRA	92.3	MN	Alexandria, "KX-92" 1150		0029 WJDX	96.3	MS	Jackson, "Mix 96.3" 522
0923 KJYE	92.3	CO	Grand Junction, "K-Joy," local ads 880		0031 WKSJ	94.9	AL	Mobile, ID 659
					0034 KTUX	98.9	TX	Carthage, "99-X" 388
0925 KEZJ	95.7	ID	Twin Falls, ID 1269		0050 WTYX	94.7	MS	Jackson, ID, "Arrow 94" 529
0927 KKMV	92.5	ID	Rupert, area ads 1220		0109 WDGL	98.1	LA	Baton Rouge, "Eagle" 446
0939 KPKY	94.9	ID	Pocatello, local ad 1206		0113 KCTG	107.3	TX	Ingliside, ID, "Oldies 107" 139
0940 KZBQ	93.7	ID	Pocatello, ID 1205		0251 WYCL	107.3	FL	Pensacola, "Cool 107" 674
0959 KTAG	97.9	WY	Cody, ID 1189		0259 WTX	94.3	LA	Galliano, ID 527
1012 KTKA	93.9	WY	Riverton, local ad 1058		0337 WKZB	93.5	AL	Butler, ID 628
1013 KLZY	92.5	WY	Powell, area ad 1189		0359 WCKW	92.3	LA	LaPlace, ID 473
6/3 Tr					0912 WLWI	92.3	AL	Montgomery, ID 762
0931 KTCY	104.9	TX	Pilot Point, "Praise" 277		6/14 Es			
0934 KRNB	105.7	TX	Decatur, area phone # 299		1000 WYFQ	93.5	NC	Wadesboro, ID 1134
6/4 Es					1011 WKKT	96.9	NC	Statesville, "Cat Country" 1117
1854 WOZZ	93.5	WI	New London, ID 1178		1029 WIKQ	94.9	TN	Greeneville, local ad 1029
1902 KORB	93.5	IA	Bettendorf, "The Planet," area ad 959		1336 WKHY	93.5	IN	Lafayette, "KHY" 1000
					1530 WMXL	94.5	KY	Lexington, "Lexington Mix" 1007
1910 WTTS	92.3	IN	Bloomington, ID 986		1533 WWSW	94.5	PA	Pittsburgh, "3WS" 1294
1911 KKPR	98.9	NE	Keamey, o, 800 phone # 784		1538 WAXZ	97.7	OH	Georgetown, area ads 1184
1915 WVGR	104.1	MI	Grand Rapids, local psa 1167		1540 WQMF	95.7	IN	Jeffersonville, "QMF" 940
1920 WCLR	95.7	OH	Piqua, "Ohio Oldies" 1097		1540 WCMJ	96.7	OH	Cambridge, regional ad 1205
1922 WCOE	96.7	IN	LaPorte, county ad 1070		1543 WNCI	97.9	OH	Columbus, ID 1142
1922 WLQI	97.7	IN	Rensselaer, ID 1022		1546 WKIO	92.5	IL	Urbana, "Oldies 92," area ads 940
1925 WYCA	92.3	IN	Hammond, rel 1044		1554 WCOL	92.3	OH	Columbus, ID 1141
1929 WLHT	95.7	MI	Grand Rapids, "W-Lite" 1178		1558 WYCA	92.3	IN	Hammond, area ad 1044
1932 WJPD	92.3	MI	Ishpeming, ID 1321		1600 WEMM	107.9	WV	Huntington, ID 1122
1936 WQLH	98.5	WI	Green Bay, ID 1195		1617 WNED	94.5	NY	Buffalo, cx 1427
1946 WMEV	93.9	VA	Marion, "FM 94 Super Country" 1110		1623 WXBQ	96.9	TN	Bristol, ID 1067
					1626 WCLR	95.7	OH	Piqua, area wx 1097
1956 WBWI	92.5	WI	West Bend, "Pure Country" 1120		1627 CHRE	105.7	ON	St. Catharines, "Lite 105.7" 1427
					1629 CFMX	103.1	ON	Coburg, cx, area ad 1509
1958 WKLH	96.5	WI	Milwaukee, local ad 1112		1641 WHTT	104.1	NY	Buffalo, area ad 1431
1958 KQWC	95.7	IA	Webster City, state ID 937		1644 WKLO	94.5	MI	Holland, "KLQ" 1160
1959 KRXL	94.5	MO	Kirkville, "The X," classic r 822		1645 WBWI	92.5	WI	West Bend, "Pure Country," ID 1120
2000 WACD	106.1	WI	Antigo, ID 1197		1646 WNIZ	96.9	IL	Zion, xc 1080
2003 KSOU	93.9	IA	Sioux City, state ID, r 949		1648 WVKs	92.5	OH	Toledo, "Kiss FM" 1183
2024 WEBX	93.5	IL	Tuscola, "The Web" 928		1654 WBCM	93.5	MI	Boyer City, "TCM" 1325
2025 WKIO	92.5	IL	Urbana, "Oldies 92" 940					
2030 WUSW	96.9	WI	Oshkosh, "US-96" 1152					
2036 WIL	92.3	MO	St. Louis, ID, k 779					

Southern FM DX

Dyer continued

1700 WBDK	96.7	WI	Algoma, ID, area ads	1210
1701 WSJY	107.3	WI	Fort Atkinson, area ad	1061
1713 WOOD	105.7	MI	Grand Rapids, "EZ 105.7"	1167
1715 WOLX	94.9	WI	Baraboo, area ad	1084
1715 WCLX	93.9	MI	Mio, regional ID	1310
1716 WBCT	93.7	MI	Grand Rapids, "B-93," regional ad	1163
1749 WTBX	93.9	MN	Hibbing, ID	1273
1910 WAJI	95.1	IN	Fort Wayne, "Majic"	1101
1913 WCRC	95.7	IL	Effingham, ID	877
1918 WJLB	97.9	MI	Detroit, ID	1241
1919 WAZY	96.5	IN	Lafayette, ID	994
1920 WMMC	105.9	IL	Marshall, "Magic 106," local ad	919
1924 WKEF	97.9	IL	Effingham, "The X," local ad	875
1929 WVIC	94.9	MI	East Lansing, area ad	1198
1930 WAHV	103.9	MI	Owosso, area ID	1236
1952 CIMX	88.9	ON	Windsor, ID	1235
6/15 Tr				
0300 KSMB	94.5	LA	Lafayette, ID	387
0303 WKSJ	94.9	AL	Mobile, ID	659
6/16 Tr				
2336 KZMZ	96.9	LA	Lafayette, ID	388
2359 WADU	94.9	LA	Reserve, ID	480
6/17 Tr				
0001 WCKW	92.3	LA	LaPlace, ID	473
0008 KSMB	94.5	LA	Lafayette, ID	387
0052 WKSJ	94.9	AL	Mobile, ID	659
6/17 Es				
1424 KKOW	96.9	KS	Pittsburg, area and local ads	584
6/20 Tr				
2352 WDGL	98.1	LA	Baton Rouge, "Eagle"	446
6/21 Tr				
0029 WTIK	94.3	LA	Galliano, ID	527
0059 WADU	94.9	LA	Reserve, ID	480
0156 WCKW	92.3	LA	LaPlace, ID	473

Considering how good April/May Es was it was a disappointing June here. Some trans-Gulf tropo into the summer is a little rare, but that often made it difficult to find the fainter Es! 73, Pat - WA5IYX

Doug Smith

1385 Old Clarksville Pike - Pleasant View,
TN 37146-8098

w9wi@bellsouth.net CDT

Technics ST-G50 tuner, big Radio Shack VHF-TV antenna at 15'

6/2 Tr				
1039 KOOL	106.5	TX	Jacksonville, Tyler promo	556
6/13 Tr				
0900 KWND	88.3	MO	Springfield, "The Wind FM," legal ID	334
0900 unID	95.1	??	??, "Oldies 95.1," WXLT?	
0930 KJEZ	95.5	MO	Poplar Bluff, area request, "Classics 95.5," over 20 mile local WSM	183
0935 KWXD	103.5	MO	Asbury, "103.5 KWXD," ID	425

August 1998

0935 KLTO	96.5	MO	Sparta, "96.5 The Max," Ozark talk	346
6/13 Es				
1351 KXPX	96.5	CO	Evergreen, Denver ad	1012
1351 KBCO	97.3	CO	Boulder	1016
1412 KLZX	106.9	UT	Brigham City, (#1)	1399
1417 KUWZ	90.5	WY	Rock Springs, tornado warning	1242
1417 KUWR	91.9	WY	Laramie, // to 90.5	1042
1417 unID	91.9	??	??, (#2)	
1425 KID	96.1	ID	Idaho Falls, "K96," local ad	1418
1425 KLCE	97.3	ID	Blackfoot, "Classy 97 KLCE"	1433
6/14 Es				
1152 XETI	94.1	NL	Monterrey, "La Caliente, La 94.1"	
2025 KTEQ	90.5	TX	Wichita Falls, legal ID	669
6/19 Tr				
2330 WYMG	100.5	IL	Jacksonville, calls	273
6/27 Es				
1333 KBNL	89.9	TX	Laredo, "Radio Maniental" & stn address	936
1333 XEQY	89.7	DF	Mexico City, "Morena FM," member of Nucleo R. Mil	1380
1348 unID	95.3	??	??, Grupo Acir station w/pre-game for World Cup	
1357 XHAHC	90.9	CH	Chihuahua, legal ID, "Super Estelar"	1226
1408 XHPS	93.3	VC	Veracruz, local slogan	1308
Other unIDable Mexicans on 90.1, 93.5, 93.1, 93.9, 94.1, and 99.5				
6/28 Es				
1119 CKGN	89.7	ON	Kapuskasing, calls in FF	930
1119 CBON24t	90.7	ON	Kapuskasing, mono talk in FF	
1119 CINNt	91.1	ON	Hearst, ethnic mx and announcements in FF	
#1- "K-Rock Rocks the Wasatch on 103.1"				
#2- Brief mention of Utah in news before KUWR faded up. Suspect KPCW, the only 91.9 in Utah				

Fred Laun - K3ZO
5801 Huntland Rd.
Temple Hills, MD
20748
aalaun@ibm.net
EDT

Denon TU-800 Tuner, Winegard antenna @ 35'

6/1 Es				
2035 KWYR	93.7	SD	Winner, ID	1230
2042 KRRZ	93.5	OK	Altus, local ads	1284
2043 KFXI	92.1	OK	Marlow, ID	1200
2053 KANS	92.9	KS	Osage City, "Kansas Radio"	1032
2054 KICM	93.7	OK	Healdton, ID	1179
2057 KNIN	92.9	TX	Wichita Falls, ID	1246
2100 KSPI	93.7	OK	Stillwater, ID	1135
6/24 Es				
1200 KCCU	90.3	OK	Lawton, ID	1214
1205 KNIN	92.9	TX	Wichita Falls, "NIN"	1246
1206 KICM	93.7	OK	Healdton, ID	1179
1209 KFXI	92.1	OK	Marlow, ID	1200
1222 KRRZ	93.5	OK	Altus, ID	1284
6/28 Es				
1014 KOLL	94.9	AR	Redfield, "Cool 95"	899
1018 WTCO	96.9	MS	Indianola, ads for MS delta	831
1029 KITT	93.7	LA	Shreveport, "Cat Country"	1041

Southern FM DX

Eric Bueneman
NOUIH - 631 Coachway Lane - Hazelwood, MO
63042-1347 - (314) 839-9751 (prepaid only) -
NOUIHERIC@aol.com, EricB631@juno.com -
http://members.aol.com/nouiheric/k-index.html
CDT

Realistic STA-90, Archer VU-110 antenna with
Archerotor at 33' AGL. Miles/kilometers.

6/19 Tr				
2217 WHOP	98.7	KY	Hopkinsville, local rx, calls	205/330
2220 WWTN	99.7	TN	Manchester, "Super Talk 99-7 WTN," t 320/515	
2224 WFGE	103.7	KY	Murray, "Froggy 103," k (x-WBLN)	190/306
2241 WCBF	102.1	KY	Clinton, "The Fox," local ad, classic r	160/258
2303 WQUL	97.7	IL	West Frankfort, "The Bear," classic r	100/161
2305 WGIC	98.5	TN	Cookeville, "Magic 98.5," soft AC, o/KTJJ	325/523
2316 WDXR	94.3	IL	Golconda, o, calls	160/258
2327 WBKR	92.5	KY	Owensboro, local ads, calls, wx	k 190/306
2352 WHRZ	97.7	KY	Providence, Madisonville ads, wx, calls, k	175/282
2355 WGGC	95.1	KY	Glasgow, "Country 95," calls, k	175/282
6/20 Tr				
0000 WQXQ	101.9	KY	Central City, "Q-102," hot AC	200/322
0004 WBLG	107.1	KY	Smiths Grove, "The Gator, G107," AC	225/362
0023 WHHT	103.7	KY	Cave City, "Mix 103," hot AC	230/370
0057 WSOY	102.9	IL	Decatur, "Y-103," legal ID, hot AC, no KEZS	110/177
0110 WDKS	106.1	IN	Newburgh, "The New Kiss 106.1," hot AC	170/274
0113 WDNL	102.1	IL	Danville, calls, hot AC	175/282
0116 WCVS	96.7	IL	Virden, "Classic Hits 96," wx, promo	70/113
0122 WNIN	88.3	IN	Evansville, c, slight ACI from KDHX	165/266
0632 WILL	90.9	IL	Urbana, calls, c	155/249
0633 WLRW	94.5	IL	Champaign, "Mix 94.5," ads, wx, hot AC	150/241
0640 WHMS	97.5	IL	Champaign, "Light Rock 97.5," soft AC	150/241
0648 Columbia	MO 91.3, 96.7, 101.5 \$		105/169	
1953 KGMO	100.7	MO	Cape Girardeau, "Classic Rock 100-dot-7"	115/185
1955 WBGL	91.7	IL	Champaign, CCM, ACI from KSIV	150/241
2322 WBNQ	101.5	IL	Bloomington, calls, ads, promos, Backtrax USA	135/217
2328 WXKO	100.9	IL	Pana, "KO Country 101," k, promos	80/128
2330 WPBG	93.3	IL	Peoria, o, = to KNSX	140/225
2337 WFMB	104.5	IL	Springfield, calls, k, obliterating KSLQ	80/128

August 1998

Many stations in the 80-160 mile range were coming in like locals during this period. Logged WGIC 98.5 (x-WHUB) and WFGE 103.7 for call letter changes. Noted Bowling Green KY stations on FM and TV, as well as WQXQ 101.9 (last heard in '86 as WKYA). Also noted format changes on WQUL 97.7 (look for a call change on this one shortly) and WCVS 96.7.

6/24 Tr				
0027 WOOZ	99.9	IL	Harrisburg, "New Country Z-100," ads, hot k, over KFAV	130/209
0038 WGIX	105.9	TN	Memphis, "Kix 106," hot k, ACI from KPNT	105.7 250/402
0040 WRAJ	96.5	IL	Anna, dance CHR, severe ACI from KHT	96.3 110/177
0058 WMC	99.7	TN	Memphis, "FM 100," hot AC, slight ACI from KFAV	99.9 250/402
0150 KLUH	90.3	MO	Poplar Bluff, "Victory 90.3," Southern g, o/KGNN	145/233
0214 KCGQ	99.3	MO	Gordonville, "Rock 99.3," AOR, slight ACI from KFUD	99.1 110/177
0217 WGCF	89.3	KY	Paducah, calls, CCM, o/WIPA	155/249
0230 KWFC	89.1	MO	Springfield, underwriting annnct CCM	190/306
0238 KIYS	101.9	AR	Jonesboro, "101.9 Kiss FM," CHR, mixing w/WQQL	200/322
0243 KWTO	98.7	MO	Springfield, "Rock 99," classic r, mixing w/WNNS	190/306
0315 KLRQ	96.1	MO	Clinton, "Q96," o, slight ACI from KHT	96.3 185/298
0317 KTXR	101.3	MO	Springfield, "The Gentle Giant," still EZL/AC, ACI from WVRV	101.1 190/306
0321 KCVO	91.7	MO	Camdenton, calls, CCM, ACI from KSIV	91.5 140/225
0340 KLSC	93.9	MO	Fayette, "Mix 93.9," local ads, hot AC, ACI from KSD	93.7 125/201
0344 KBMX	101.9	MO	Eldon, EZL, mixing w/KIYS & WQQL	130/209
0348 KFMZ	98.3	MO	Columbia, "98-3 The Buzz," modern r, slight ACI from KYKY	98.1 105/169
0355 KAMS	95.1	AR	Mammoth Springs, wx, mention of West Plains MO, k, o/WVDZQ	170/274
0400 KGNN	90.3	MO	Cuba, legal ID/KGNV	89.9, light CCM 70/113
0403 KICK	97.9	MO	Palmyra, legal ID, k, slight ACI from KYKY	98.1 90/145
0408 WTRI	94.9	IL	Mount Carmel, "Tri 95," slight ACI from KSHE	94.7, classic hits 145/233
0434 WLLR	103.7	IA	Davenport, x-101.3, k, in/out w/WDBR/KJEL	190/306
0455 WZNK	106.7	IL	Sullivan, "106.7 The Fox," AOR	115/185
0458 WXET	107.9	IL	Arcoia, "107-9 The X," hot AC, legal ID, slight ACI from KSLZ	107.7 130/209
0506 WIKK	103.5	IL	Newton, "Hits 103.5," hot AC, slight ACI from KLOU	103.3 135/217

Another format change has been noted here, as KLSC 93.9 has dropped its classic rock format for hot AC. Expect a call change on this soon (if not already). Memphis was noted for the first time this season, as WGKX 105.9 was noted, even with KPNT blasting away on 105.7. WMC 99.9 has been more regular around here, even with KFAV 99.9

Southern FM DX

Buenaman continued

on. Another Poplar Bluff station was noted in KLUH 90.3. In past years I had used KJEZ 95.5 as a barometer on conditions into the Poplar Bluff area, but with WFUN parked there, the barometer station became KOKS 89.5 (even with local KCFV on). Also added another Paducah station with WGCN 89.3, a new Arkansas station with KAMS 95.1, and also continued to clean up on the stations adjacent to my locals with the new additions being WTRI 94.9, WIKK 103.5 and WXET 107.9. The most difficult local to even receive stations adjacent to is WALC 104.1 (figures, their transmitter is 6 miles N of me).

6/29 Fr

1705 XHAAA 93.1 TM Reynosa, local ads in SS 990/1593

6/29 Tr

1710 KAMS 95.1 AR Mammoth Spring, local announcements 175/282

6/30 Tr

0240 WXLT 95.1 IL Carterville, "Big Dog 95.1," classic r, change from soft AC 100/161

0255 WNKK 92.1 IL Carthage, "Wink FM, Oldies 92.1," local ads, wx, o, ACI from WIL 125/201

0259 WXAN 103.9 IL Ava, local ads, legal ID, USA news, ACI from WALC 104.1 100/161

0347 KCMO 94.9 MO Kansas City, "Oldies 95," o, light ACI from KSHE 94.7 225/362

0350 KLTE 107.9 MO Kirksville, "K-Lite," Christian talk //KSIV 91.5 155/249

0353 KOZN 102.1 MO Kansas City, "102.1 The Zone," local ads, modern AC, \$ 225/362

0358 KXTR 96.5 MO Kansas City, c, legal ID, light ACI from KHT 96.3 225/362

0409 KKFI 90.1 MO Kansas City, ID in t pgm, obliterating WTSG 225/362

An Es opening (however brief) was noted on June 29, seeing KILI-3 and hearing XHAA 93.1. However, tropo into southern MO and northeastern AR masked the MUF. I had worked Es into the same area on 50 Mhz on June 27, as well as the Rocky Mountain states, and the Es continued into the morning of June 28, when I worked Vermont on the same band at 1AM. Later, I would finally hear WXAN 103.9 (finally, something via tropo with WALC 104.1 on!), and also another new station on 107.9 with KLTE carrying the Bott Radio Network // KSIV 91.5. Turning the antenna to the west, Kansas City was all over the dial, except for KYYS 99.7 (KTTR was dominant on 99.7, even with KFAV 99.9 on). KOZN 102.1 came in like a local on 102.1. I have decided in favor of a Radio Shack VU-210XR for my new antenna, with the current VU-110 being relegated to local TV duty. I hope to take delivery by the time you read this. 73, Eric (NOUHI)

1901 W242AK 96.3 FL Lakeland, WJIS bdr
1940 ???? 89.5 FL ??, WEAZ bdr
1947 WZMQT 106.3 FL Key Largo, SS, not sure on this one, ID'd very fast, mentioned simulcast with 3 other stns, one of which was AM

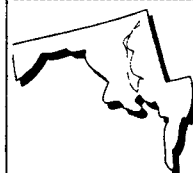


Dennis Park Smith
3703 Dixon St.
Santa Barbara, CA
93105-2419
(805) 687-7803 PST

Besides a few new California FM loggings noted from Santa Barbara and Wasco of a more or less routine nature, there was also this one, observed on the car radio (moving and parked) on the morning of June 27, between approximately 200 and 0720. It had characteristics of Es, on

August 1998

89.5, with typical rough fading up and down, good strength, over and under fair Tr signal of KPBS 89.5 San Diego (KPBS is about 185 miles). Programming of this possible Es signal was upbeat r mx in SS, with \$ pilot (KPBS signal was mono). I wasn't around a TV to note if Es was present. I am wondering if there are other TV-FM Es reports then, to be sure if this really was a skip opening. Best of DX to all, Dennis



Gus Mancuso
5615 Inwood St.
Cheverly, MD 20785-1120
(301) 773-3072
EDT

This report is from Bartow, FL, where I reported from in 1986-88 and 1990. Best results ever, "good" humidity and one late night directional opening. Many new stations, new translators and frequency changes helped. All listed are new.

6/25 Tr

2330 WDXD 103.3 FL Holly Hill
2331 WHFX 103.3 GA Waycross (freq vacated by WDUV's move to 103.5)

2334 WDUV 103.5 FL Bradenton
2336 WEAZ 88.3 FL Union Park, new stn

2340 WWRZ 98.3 FL Arcadia, new stn
2345 WWOJ 99.1 FL Avon Park, x-106.3

2348 WZZS 106.9 FL Zolfo Springs, new stn
2350 WXGJ 105.5 FL St. Petersburg, spot opened when WKZM Sarasota moved to 104.3

2359 W244BE 96.7 FL Brandon, WJIS bdr

6/25 Tr

0634 WCVU 104.9 FL Solana, x-105.3
0635 WMLO 104.9 FL Havana

0700 WSMR 89.1 FL Sarasota
0715 WKRO 93.1 FL Edgewater, new stn

0720 WMMO 98.9 FL Orlando
0724 WYMR 105.7 FL Sebring, x-105.5

0725 WWRZ 98.3 FL Arcadia, new stn
0725 WHKR 102.7 FL Rockledge, new stn

1220 WGYL 93.7 FL Vero Beach, x-93.5
1411 WLLV 98.7 FL Holmes Beach, new stn

1450 WQNU 105.5 FL Naples
1610 WLTV 97.1 FL Holiday, x-106.3

1859 WKZM 104.3 FL Sarasota, x-105.5
1900 WJST 106.3 FL Fort Myers Villas, previously blocked by 3 stns which changed frequency

1901 W242AK 96.3 FL Lakeland, WJIS bdr
1940 ???? 89.5 FL ??, WEAZ bdr
1947 WZMQT 106.3 FL Key Largo, SS, not sure on this one, ID'd very fast, mentioned simulcast with 3 other stns, one of which was AM

1952 WSRZ 106.5 FL Sarasota, x-106.3
1954 WGUL 96.1 FL New Port Richey, x-105.5

2000 WBBE 94.7 FL Gifford
2030 W291AG 106.1 FL Highland City, WJIS bdr

2100 WLAZ 88.7 FL Clermont, SS

6/27 Tr

0010 WSKY 97.3 FL Micanopy, null on adj WPCV, all medical format
0642 WQOL 103.7 FL Vero Beach, "Rock 104"

Southern FM DX

Mancuso continued

0700 WKAT 105.1 FL Panama City, "Kat Country," null on Orlando
0715 WWDO 99.7 FL Vero Beach, null on adj St. Petersburg, x-101.7
0720 WSTS 100.9 NC Fairmont, best catch of the trip!
0730 unID 104.1 ?? ??, "The Way," or "Wave," probably WYAV SC considering above 100.9

6/28 Tr

0001 WQLC 102.1 FL Watertown
0054 KCIL 107.5 LA Houma

0056 WSRX 89.5 FL Naples, "Praise FM"
0102 WPCS 89.5 FL Pensacola

2125 WDWG 104.1 AL Atmore
6/29 Tr

0041 WAVH 106.5 AL Bay Minette, null on Sarasota
0100 WPCF 100.1 FL Panama City

0121 WJUS 96.5 FL Fort Walton Beach, null on Orlando
0129 WILN 105.9 FL Panama City, "Island 106," null on DeLand

0130 WSEB 91.3 FL Englewood
0200 WJBX 99.3 FL Fort Myers

0210 WMAH 90.3 MS Biloxi, Haines City local off
0211 WXAII 105.7 AL Ocean Beach, null on Sebring, "Sunny 105.7"

0315 WMTU 93.5 FL Port St. Joe, null on adj Tampa, classic r

0320 WKSYY 106.1 LA ??, sounded like "WKSYY Monroe-New Orleans" but they are hundreds of miles apart! 1995 Atlas shows KMMY Monroe on 106.1

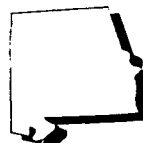
0325 WNFB 94.3 FL Lake City, "Mix 94.3"

Above opening surprising considering humidity drop.

6/30 Tr

0853 WNDD 95.5 FL Silver Springs
0900 WGNF 98.1 FL Titusville

Great reception, hope to move into FL state stats with next trip.



Keith D. Pugh
227 Martin St.
New Hope, AL
35760
CDT

McIntosh MR-78, Channel Master Stereo Probe 9 at 30'

4/23 Gw

1830 WYAM 105.7 AL Addison, \$, new to the air
5/1 Es

1345 unID 93.1 ?? ??, Mexico
5/15 Tr

1709 WZZL 106.7 KY Reidland, rp, ID 210
1725 WNRZ 91.5 TN Dickson, dual ID w/WNAZ 89.1 121

1739 WMJL 102.7 KY Marion, k 215
1745 KPBQ 101.3 AR Pine Bluff, ID 321

1759 KASU 91.9 AR Jonesboro, ID 259
1812 WFGF 103.7 KY Murray, "Froggy 103" 180

1945 KHTX 107.1 AR Marion, s 221
5/16 Tr

0358 WKQQ 100.1 KY Winchester, op, ID 268
0411 WBZX 99.7 OH Columbus, "The Blitz" 418

0421 WKQV 96.7 OH Wellston, local ad 382

August 1998

5/17 Gw
1630 W287AD 105.7 AL Hartselle, WEUP xltr
5/18 Tr
1244 WAMJ 107.5 GA Roswell, r&b, "Magic 107.5" 71

5/18 Es
1821 XHAAA 93.1 TM Reynosa 918

1824 KUNM 89.9 NM Albuquerque 1150
1821 KVBBI 91.1 CO Morrison 1080

1830 KALQ 93.5 CO Alamosa 1107
1836 KYOG 98.5 CO Denver 1086

1843 XHEC 91.9 CL Sabinas, city ref 985
1846 XHDL 88.9 TM Nuevo Laredo 916

1850 KROM 92.9 TX San Antonio, "\$ Latino"
1856 KBNL 88.9 TX Laredo, "R. Manantial" 915

1904 XHNOE 91.3 TM Nuevo Laredo
1922 KACC 89.7 TX Austin, op, ID, \$ 628

1925 KZFM 95.5 TX Corpus Christi, "Hot Z-95" 800
1934 KUWR 91.9 WY Laramie, nx, wx 1146

5/21 Tr
0434 KSBJ 89.3 TX Humble, g, ID, local WLRH Huntsville off 605

0434 KHFI 96.7 TX Georgetown, r, ID 710
0436 WFMN 97.3 MS Flora, Art Bell 268

0439 KJFK 98.9 TX Lampasas, Art Bell 727
0440 KNON 89.3 TX Dallas, ID 610

0455 KQID 93.1 LA Alexandria, "Q93" 416
0500 KBHT 93.5 TX Crockett, r, ID 571

0500 KQXX 98.5 TX McAllen, SS, ID 911
0507 KKPS 99.5 TX Brownsville, "Que Pasa" 892

0508 KBFM 104.1 TX Edinburg, "B-104" 903
0512 KBTZ 107.5 TX Lake Jackson, "The Buzz" 653

0516 KIWV 96.1 TX Harlingen, "Tejano 96"
0534 KKTIL 97.1 TX Cleveland, "97 Talk," Houston ref, mono 858

0542 XHMZI 91.1 CL Melchor Muzquiz
0544 XHAAA 93.1 TM Reynosa, "\$ Tam" 918

0549 KHRT 95.3 TM Reynosa
1312 unID 90.7 ?? ??, "Red River Radio," c (KLSA Alexandria LA-jz)

1315 WTIK 94.3 LA Galliano, ro, ID 380
1319 KRBE 104.1 TX Houston 619

1329 WPKW 92.3 LA Laplace, "Rock 92.3" 390
1335 XHVCH 107.1 TM Matamoros, "Super Estelar" 892

1353 KBTE 102.3 TX Rockport, s, "The Beat" 774
1407 WEEZ 99.3 MS Heidelberg, "Gospel 99" 236

1420 KVVX 102.7 TX Jasper, k, ID 508
1424 KNOE 101.9 LA Monroe 357

1530 unID 91.1 ?? ??, McAllen ref, SS, L, \$
1855 KIXB 103.3 AR El Dorado, "Kix Country," local ads 371

1900 KTXN 98.7 TX Victoria, SS, ID 739
1906 KCXY 95.3 AR Camden, area ads, "Y-95" 374

1926 KBXX 97.9 TX Houston, s, "97-9 The Beat"

5/22 Tr
0415 unID 105.3 ?? ??, "Nashville 95," bdr?

1325 KPLX 99.5 TX Fort Worth 641
1346 KSYG 103.7 AR Little Rock, "Talk 103.7" 333

TALK103.7
THE SIGNAL

1349 KOOL 94.9 AR Maumelle 340
1350 KKDA 104.5 TX Dallas, "K104" 610

1408 KQXX 98.5 TX McAllen 911
1408 KIWV 96.1 TX Harlingen, SS 887

5/23 Tr
0414 KUT 90.5 TX Austin, c, ID 725

0416 KEOM 88.5 TX Mesquite, ID 599
0422 KDXT 106.7 TX Granbury, "Estereo Latino" 672

0430 KYNG 105.3 TX Dallas 610

Pugh continued

0433 KOOL

0433	KOOI	106.5	TX	Jacksonville 543
0435	<u>KYUL</u>	105.5	TX	Harker Heights, "Cool 105.5" 696
0441	<u>KWRW</u>	97.7	TX	Rusk, o, "CD-97 FM" 540
0444	KHFI	96.7	TX	Georgetown 710
0452	KNUF	101.5	TX	Tyler 535
0500	KITT	93.7	LA	Shreveport, "Cat Country" 446
0504	<u>KXFE</u>	106.9	AR	Dumas, k, ID 294
0508	KRVL	94.3	TX	Kerrville, ID 806
0521	KHBM	93.5	AR	Monticello, ID 314
0535	KZPS	92.5	TX	Dallas 610
0540	<u>KLJT</u>	102.3	TX	Jacksonville, "KLJT, New Light, g, mono 543
0545	KSMG	105.3	TX	Sagin, "Magic 105.3" 874
0550	unID	104.3	??	??, Georgetown ref, o, o/local WZPY Athens

5/24/16

0429	XHMZI	91.1	CL	Muzquiz
0432	KJFK	98.9	TX	Lampassas 727
0437	KEYI	103.5	TX	Austin 725
0448	KTUX	98.9	TX	Carthage, "99X" 487
0448	KISS	99.5	TX	San Antonio, "99-5 KISS" 792
0451	KXKZ	107.5	LA	Ruston, "Kicks 107.5" 385
2054	WKES	91.1	FL	Lakeland, g. ID 519

5/25/11

0323	WBVM	90.5	FM	Tampa, g	511
0325	WMPX	103.5	FL	Callaway, "Magic 93.7"	244
0341	WNFB	94.3	FL	Lake City	371
0349	WDRK	107.9	FL	Panama City, ID	305
0404	WTMG	101.3	FL	Williston, ID	425

5/28 Es

1548	HXHL	91.7	NL	Monterrey, ads (Monterrey FMs to 107.7)	1033
1549	XHRP	94.7	CL	Saltillo	1077
1555	XHAA	93.1	TM	Reynosa	918
1558	XHOX	95.3	TM	Tampico, "Estereo Vida"	1099
1559	KGBT	98.5	TX	McAllen, SS, ID	911
1602	XHVX	107.1	TM	Matamoros	892
1603	X---	92.3	TM	Rio Bravo, "Radio Tamaulipas"	

1610	KRYS	99.1	TX	Corpus Christi, o/local WAHR Huntsville 800
1614	<u>KLUX</u>	89.5	TX	Robstown, ID 813
1614	<u>KVLT</u>	92.3	TX	Victoria, "92.3 K-Light," city ref 739
1624	<u>KVRT</u>	90.7	TX	Victoria, "90.3 & 90.7, south Texas public radio," phone # 800-307-KEDT
1628	<u>KYKR</u>	95.1	TX	Beaumont, ID 545
1633	KTFX	97.5	TX	Kingsville, k, ID 834
1638	KAJA	97.3	TX	San Antonio, "KJ97"
1639	KRNH	95.1	TX	Comfort, k, ID o/local WNDA

1640	KNCN	101.3	TX	Sinton, "C101" 653
1640	KTFM	102.7	TX	San Antonio
1644	KTRD	96.3	TX	Del Rio 922
1646	<u>KKBA</u>	92.7	TX	Kingsville, r, ads
1649	KXTN	107.5	TX	San Antonio
1654	<u>KLTD</u>	101.7	TX	Temple, Waco ad 679
1658	KUT	90.7	TX	Austin 725
1704	KFST	94.3	TX	Fort Stockton, nx 991
1707	<u>KSTV</u>	93.1	TX	Dublin, ads, ID
1711	KPTX	96.3	TX	Pecos 1014
1715	KCRS	103.3	TX	Midland 923
1719	KTZA	92.9	NM	Artesia, "KZ93" 1041
1928	<u>KAHQ</u>	93.5	TX	Junction, /lco-owned KMBL AM 1450-828

1929	KAFF	92.9	AZ	Flagstaff, "92 KAFF" 1432
1930	KMGH	93.9	AZ	Flagstaff, op, ID
1932	<u>KQST</u>	102.9	AZ	Sedona, ID 1441
1935	KZEP	104.5	TX	San Angelo, "K-ZEP"
??	<u>KWMX</u>	96.7	AZ	Williams, "Cool Oldies 96.7,"

22 KVMX

area wx 1470

1942 KTEG	107.9	NM	Albuquerque, "The Edge" 1150
1950 KWWY	94.9	NM	Aztec 1222
1955 KLOT	102.5	NM	Los Lunas 1156
1956 KSFR	90.7	NM	Santa Fe 1130
2008 KFQX	102.7	TX	Merkel 797
2021 KODM	97.9	TX	Odessa 942
2025 KNFM	92.3	TX	Midland
2030 KZYA	92.1	AZ	Holbrook, "Z92" 1350
2123 KOYE	94.9	TX	Laredo, "Y95" 915
2129 KSHI	93.1	TX	El Paso 1178
6/1 Es			
1412 KEZO	92.3	NE	Omaha, "Z92" 698
1421 KKYA	93.1	SD	Yankton, k, ID 827
1423 KPSD	97.1	SD	Faith 1102
1426 KLNJ	89.5	SD	Little Eagle, local ref, EE and

1427	KLXS	95.3	SD	Pierre	1008
1448	KYYA	92.9	ND	Bismarck	1134
1642	<u>WBVN</u>	100.9	MI	Big Rapids, ID	635
1645	<u>WMJK</u>	100.9	MI	Pinconning, local ads, "Magic 101 & 104.5," o	657
1648	<u>WMJA</u>	104.5	MI	Saginaw, ads, "Magic," //	100.9 WMJK 628

1630	WTLZ	107.1	MI	Saginaw, ads, "Jam FM"
1652	unID	106.3	??	??, "Sunny 106.3"
1653	WKLA	106.3	MI	Ludington, ID 651
1656	WSUE	101.3	MI	Sault Ste. Marie 834
1657	WKZC	94.9	MI	Scotsville, ID 651
1659	WHML	95.7	MI	Marquette, g, ID 832
1708	WGLQ	97.1	MI	Escanaba 776
1712	CBOQ	103.3	ON	Ottawa, city ref 941
1718	WHIC	97.9	MI	Newberry, ads "Hot New

1723 WCYI	93.9	ME	Lewiston, ID 1089
1727 WCLZ	98.9	ME	Brunswick, ID 1093
1729 WSKQ	97.9	NY	New York, SS 801
1736 WGRC	91.3	PA	Lewisburg, "WGRC Christian

1737 WTHK	93.5	NY	Hudson, "Thunder Country"
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1740 WFCC 107.5 NY Chatham, C 1021
1742 unID 99.7 ?? ??, "Zed FM," FF, \$
1745 WQBJ 103.5 NY Cobleskill, area ads, "The Edge
103-5 & 103-9" 855

1750	WBSQ	102.5	NY	Bridgehampton, r, ads	888
1752	WBLM	102.9	ME	Portland	1069
1754	WCTK	98.1	MA	New Bedford	974

1755 WWBB	101.5	RI	Providence, "B101"
1758 WIZN	106.7	VT	Vergennes, ID 968
1800 WSMU	91.1	MA	North Dartmouth, ID
1802 WBSU	89.1	NY	Brookport, ID 753

1802 WBSU	89.1	NY	Brookport, ID 753
1818 WDRQ	93.1	MI	Detroit, "93-1 DRQ" 569
1825 CKBW	93.1	NS	Shelburne, k 1297
1825 CKBW-1	94.5	NS	Liverpool, k 1332

1835	<u>WHYT</u>	96.3	MI	Detroit, "Planet 96"
1848	<u>CHAY</u>	93.1	ON	Barrie, rm, ID 771
1900	<u>CKGN</u>	89.7	ON	Kapuskasing, p, \$, ID 1048

1952 WJBL	93.1	WI	Ladysmith, DI 797
1953 unID	96.7	??	??, Dells WI mention, "Hot Rock"
1954 WJTF	96.7	WI	Whiting, ID 708

1954 WYTE	96.7	WI	Whiting, R. ID 706
1958 KTCO	98.9	MN	Duluth, ads 898
2000 KTIS	98.5	MN	Minneapolis, ID 808
2000 WTBX	93.9	MN	Hibbing, "Mix" 953

1351 KING	97.9	WY Cheyenne, ID 1104
1354 KMUS	101.9	WY Burns, "Moose Country" 10

1744 CFQR	92.5	PQ	Montreal, ads, "Q92" 1018
1759 CBM	93.5	PQ	Montreal, "CBC Radio 2"
1801 WAVX	106.9	ME	Thomaston, wx 1133
1810 WKXL	102.3	NH	Concord, nx 993

Pugh continued

1812 WHRL

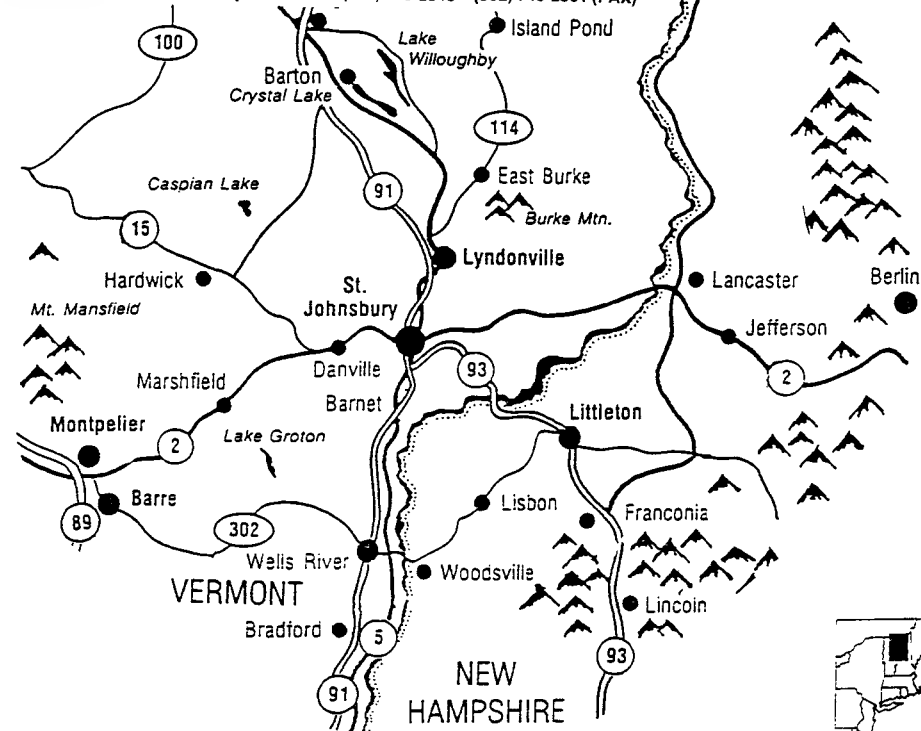
1812	WHRL	103.1	NY	Albany, ID 884
1812	WMCW	103.3	ME	Rockland 1137
1815	WRVE	99.5	NY	Schenectady, ID 884
1825	<u>WTKW</u>	99.5	NY	Bridgeport, op, "TK99 & TK105" 818
1825	<u>WQSE</u>	91.1	NY	Corning, ID w/co-owned WSKG 730
1832	WOKO	98.9	VT	Burlington, ID 983
1834	<u>WOLF</u>	96.7	NY	Oswego, //WOLF AM 957
1839	<u>WTKV</u>	105.5	NY	Oswego, //99.5 "TK99 & TK105"
1845	unID	104.5	??	??, "Variety 104.5," Seaway valley ref
1853	<u>WSNU</u>	92.1	PA	Lock Haven 668



V 105.5
WNV FM

THE VOICE OF THE NORTH COUNTRY

P.O. Box 249 • St. Johnsbury, VT 05819 • (802) 748-2345 • (802) 748-2361 (FAX)



From the Editor



Way to go, y'all! Looks like you've been getting some DX despite the poor conditions. So far it looks like a toss-up with last year and 1996 for the worst we've seen in a while. Hopefully tropics this month and September will make up for it.

Remember- the Perseids meteor shower is this month from the 9th thru the 14th. It's usually the best shower of the year, and may well make your local news it's so big....at least it does here.

Thanks for your support of SFM, and keep those reports coming!

EASTERN TV DX

August, 1998

Russell Miller
HC 61, Box 86B
N. Amity, ME 04471-9622
email address - estvdx@ainop.com

LOCAL TIME UNLESS OTHERWISE NOTED

Skip has been excellent with more double hop for Bob Seybold, Roy Barstow and myself.

Bob Seybold, 1865 W. Main Rd., Silver Crest, NY

Here's my report for the month of June, 1998. It has been a great month for E-skip here. I have been able to watch dials frequently this month and have seen a lot of E-skip. Some high band tropo but not much UHF seen as UHF amp has been broke all month and not yet replaced. That will be taken care of soon. E-skip was seen on 20 of 29 days with at least 5 major openings. June 1, 12, 25, 27 were great with 2 occasions of double hop, one opening on 27th going as high as Channel 8. On 27th in evening, there was E-skip from Louisiana to Dakota at some time. Some openings were so massive that ID's were nearly impossible as there was scramble for stations to be dominant. Now report:

June, 1998

June 1 - mid morning to evening with a few breaks. Florida on 2-6; Georgia low band; Mississippi - WLBT 3 and others; Alabama; Louisiana, Arkansas, Texas (very heavy east, central, south) Oklahoma 2, 3, 4, 5, 6; Kansas 2, 3, 4, 5, 6; Nebraska; Dakota's, brief Wyoming 4 Colorado; FM loaded; June 3 & 4 - short openings. 1700-2300 - Texas, Louisiana, Arkansas, Oklahoma mostly channels 2, 3, 4, brief 5 & 6; June 5 - 11 - not much in period - spotty E-skip channels 2 & 3; June 12 - excellent opening starting at 0700 or earlier, all channels 2-6 - several deep listed nearly all day with brief breaks. Florida to Texas (very heavy Texas & Louisiana, also Oklahoma, Kansas, Missouri & Nebraska - heavy into channel 6, FM good; June 13 - another good opening heavy into Dakotas & Canadian border; Colorado & Wyoming all channels 2-6; Texas - especially Bryon, Houston, Dallas area; June 14 - good again - Florida, Georgia especially good channel 2-6, some Gulf Coast into eastern Texas; June 15 - Dakotas, Nebraska, Kansas - evening June 16 - big opening - spreading around and moving from Florida to Dakotas - mid-day, into evening heavy into channel 6 and FM. June 17-24 - some E-skip on all days but no massive openings in this period - most occurred 1000-1200 and after 1800. June 25 - terrific opening, especially 1000-1300 and

again after 1700 - Florida, Georgia & Gulf Coast -

Texas even into west Texas; Oklahoma, Kansas, Nebraska, Missouri ending in Dakota. Channels 2-6 June 26 - some E-skip - busy that day June 27 - best of month - day long opening - reaching channel 8 - (Dallas) also double hop into Idaho and Montana channels 3 & 4; at one time Louisiana & Dakotas in at same time - locals 2 & 4 completely wiped out; at one time saw channel 2 Buffalo wiped out on cable; signals very strong, ID's difficult - channels many deep - FM super. June 28-29 - some skip especially after 1600 - Kansas, Nebraska, Oklahoma, northern Texas, Dakotas, Tropo up at times during month - nothing super 400 miles limit. 73's Bob

Roy Barstow, P. O. Box 2488, Teaticket, MA 02536

Equipment: CM1110-VHF-25' A.G., CM Titan II amp. .875 Hardline. 2-Set. CH-5-6 Ants. Vert. 15' on shed - spaced 13' apart, w/rotor. 2-CH-2-3 10 El. ants. on house 20' high. .750 Hardline, 7' Dish. RDX Labs amp. .750 Hardline, 30' A.G.

May, 1998

26 Es	1700-1740	RCTV 2	Ven	2,275
		Radio Caracass		
	1715-1740	RCTV 3	Ven	2,275
		Radio Caracass		
27 Tr	0700	WHRO	15 VA	450
		WTVZ	33 VA	450
	2100	WXLV	45 NC	685
		UP for 15 min.		
30 Tr	2000	WFXL	8 NC	580
		WYDO	14 NC	562
	2030	W35BH	35 VA	400
		WUNJ	39 NC	660

June, 1998

01 Es	1950	WDAF	4 MO	1270
	2000	KCTV	5 MO	1269
		KIMT	3 IA	1035
	2015	WCBI	4 MS	1132
	2030	KUSD	2 SD	1385
	2045	KGAN	2 IA	1091
	2100	KSDK	5 MO	1060
		KDLT	5 SD	1361
11 Es	1300	CBIT	2 NS	587

- Off. Local Furniture Ad

14 Ms	0223	KMTV	3 NE	1311
		Flash Flood Warning R/S		
	0315	KMTV	3 NE	1311
		America's Store Call/Logo U/R		
	0501	WSIL	3 IL	1007
15 Es	1735	KETS	2 AR	1268
	1743	KYTV	3 MO	1226
	1755	WREG	3 TN	1127
	1810	KARK	4 AR	1272
	1820	WEAR	3 FL	1209
	1830	WTVF	5 TN	941
	1835	KFSM	5 AR	1344
	1900	WPSD	6 KY	1024
		Only on verticles		
	1905	WMC	5 TN	1130
	2000	WWAY	3 NC	660
	2015	WUND	2 NC	500
		WCBD	2 SC	777
	2020	KTBS	3 LA	1416
19 Es	1100	C—	2	CBC English
		On tape - off back of ant. SW		
		Children program - a square with a C		
		inside - plus a star on top of C!!		
		(Canada ratings RM)		
28 Es	2200	WAGA	5 GA	921
	2230	KCTV	5 MO	1269
	2300	KJRH	2 OK	1396
	0000	WBAY	2 WI	898
29 Es	0030	WDTN	2 OH	726
	0148	KDLH	3 MN	1120

Many thanks to Russ Miller for the phone call tip of 2 Es to Ven. The period from May 15 to June 15 has been weird and exciting. During this period I have logged my longest VHF Tr, most distant low power TV, longest Es and also shortest Es. The 2 Vert. Ants. for Es help a lot. Some stations are in on them and not on the CM1110. It seems when there is thunderstorms in the Caribbean Sea, that is when to try to 2 Es to Ven. This could even happen in the north sea for 2 or 3 Es to Europe.

Harry J. Hayes, 9 Henry St., Wilkes-Barre, PA 18702 (EDT)

Equipment: VHF: ch 2 and 5 switchable Quad loop, Radio shack amp UHF: 6ft. screened dish w/RDX Labs UA901 amp in attic and Zenith Sentry II, 1991 model

May, 1998

31 Es	1955	WEDU	3 FL	Tampa
	2101	WREG	3 TN	Memphis

June, 1998

01 Es	1800-2015+	Intense skip 2-6	(Too busy w/FM)	
13 Es	2313	KPRC	2 TX	Houston
15 Es	1915	KARK	4 AR	Little Rock
28 Es	1025	WWL	4 LA	New Orleans
	1030	KFSM	5 AR	Ft. Smith
	2230	KARK	4 AR	Little Rock
	2300	KQTV	2 MO	St. Joseph

A very busy work schedule with the home based business precluded me from doing too much Dxing this month. The best openings were on 6/1 and 6/28 No tropo this month to speak of; just too many thunderstorms.

Eric Voytko, 1721 Dalewood Place, McLean, VA 22101 evoytko@erols.com

Equipment: Home: UHF-2/Broadside-stacked RS U120/Winegard PA-4975/RG-11 VHF-RS V185/RG-11, 1982 Sylvania turret-tuner

Work: UHF-CM 6' chicken wire screened dish/RDX UA900/RG-11 VHF-CM Quantum 1110/RG-11, Icom R7100 and Sony KV-8 (Approximately 7 air miles between these locations)

May, 1998

24 Es	2026	WLBT	3 MS	ID	870
	2029	KBXT	3 TX	ID	1210
25 Es	2133	WLBT	3 MS	Wx map	870
31 Es	1742	KDLO	3 SD	CMN telethn	1100

June, 1998

01 Es	1718	KDLO	3 SD	ID	1100
	1813	KBSD	6 KS		1260
		KWCH-12 news			
	1827	unID	6	CBS "The News on 6"	
	1854	muf 105.5			
	1914	WDAY	6 ND	ID	1160
03 Es	1350	KSNW	3 KS	KSN news	1110
	1400	KSWK	3 KS	ID	1300
	1400	KSCN	2 KS	ID	1160
05 Es	2100	KOTA	3 SD	ID	1390
08 Es	1944	KSNW	3 KS	KSN News	1110
21 Es	0800	WPBT	2 FL	ID	910
22 Es	1300	WISC	3 WI	ID/news	680
	1300	KIMT	3 IA	ID/news	880
24 Es	1100	KYTV	3 MO	ID	870
	1130	KLNE	3 NE	Neb.PTV	1190
	1130	KOET	3 OK		1030
		OETA audio ID			
	1155	KFDX	3 TX	ID	1240

Despite limited DX time, so far both tropo and Es seem way down this year. June 1 was the best Es day based on MUF and intensity.

Keith Smith, 24900 Field St. #49, Flat Rock, MI 48134 (734)783-5334 email: wvgmradioproject@hotmail.com

May, 1998

30 Tr	2246	WICU	12 PA	Erie
		WILX	10 MI	Onondaga
		WJW	8 OH	Cleveland
		WEWS	5 OH	Cleveland
		WUAB	43 OH	Lorain
		WOIO	19 OH	Shaker Heights

30 WQHS 61 OH Cleveland
 WLNS 6 MI Lansing
 WVIZ 25 OH Cleveland
 CFPL 10 ON London
 (audio mx/WILX video)

June, 1998

21 Tr 2208 WJRT 12 MI Flint
 WILX 10 MI Onondaga
 WKAR 23 MI East Lansing
 2212 WUAB 43 OH Lorain

Jim Ayers, 2497 Wind Forest Court, Norcross, GA 30071

jimayers@raider.net

Equipment: Panasonic 19" TV; CM Quantum 1110 VHF at 30 ft; antennacraft P-7 UHF dish w/Winegard PA-4975 preamp at 38 ft (feedpoint); alliance HD-73 rotor; RG-8 coax; Hi-Q traps for high-band VHF plus UHF (still need low-band VHF model!)

May, 1998

20 Tr 0738 WDNN-LP 43 GA 72
 0741 W26BE 26 TN 108
 23 Tr 0649 WOPX 56 FL 469
 0700 WRBW 65 FL 413
 0707 WPBF 25 FL 521
 0732 WTVY 4 AL 225
 0736 WTCE 21 FL 503
 0742 WBSF 43 FL 434
 0744 WOGX 51 FL 334
 0755 WZVN 26 FL 540
 0800 WLTU 23 FL 598
 0813 WFLA 33 LA 482
 0819 WIIQ 41 AL 237
 0823 KTMD 48 TX 716
 0824 KXLN 45 TX 728
 (Farthest trop to date)
 0827 WAFB 9 LA 477
 0828 WGMB 44 LA 482
 0832 WHLT 22 MS 340
 (over local LPTV)
 0835 KLFY 10 LA 538
 0844 W58BQ 58 MS 450
 0848 WXXV 25 MS 357
 0916 WTTA 9 MS 279
 0924 KRIV 26 TX 727
 0925 WLPB 27 LA 476
 0935 KVVV 57 TX 722
 (ghosting on local WATC)
 0957 WMPV 21 AL 301
 28 Es 1641 KRIS 6 TX 901
 1659 KMOL 4 TX 887
 1722 KACB 3 TX 956
 1730 KDFW 4 TX 743
 1734 unID 6 //Azteca-13
 1751 KFDX 3 TX 823
 1756 KIDY 6 TX 961
 1804 KWAB 4 TX 1004
 1809 KAMR 4 TX 1007
 1813 KLBY 4 KS 1019

28 1821 KOCT 6 NM 1156
 1830 KLINE 3 NE 949
 1836 KTVS 3 CO 1131
 1837 WDAF 4 MO 677
 1901 KAAL 6 MN 824
 1904 WCCO 4 MN 903
 1918 KSNB 4 NE 867
 1925 fade
 2234 KDBC 4 TX 1300
 2300 KIII 3 TX 904
 2308 unID 4 //XHDF
 29 Tr 2214 W55CD 55 TN 107
 (over local LPTV)
 2234 W66BA 66 GA 73
 2300 WYHB-LP 39 TN 107
 (local WSB-DT off)
 2324 WPGD 50 TN 217
 31 Es 1235 KTV 4 IA 883
 2018 CFCM 4 PQ 1117
 2058 CKVR 3 ON 759
 2107 unID 4 "X Files" on Global Netw
 2141 KPRY 4 SD 1100
 2226 KDUH 4 NE 1178
 2257 unID: Christine Haas anchoring "The Late News" on "NBC 4"
 2259 unID: Phyllis and Jeff anchor Fox 4 news
 Tr 2302 WCB 4 MS 268

June, 1998

01 Tr 0630 WJTC 44 FL 301
 0643 WEIQ 42 AL 311
 (over local LPTV)
 Es 1829 WRGB 6 NY 818
 1834 CJOH-TV 6 ON 802
 1904 WISC 3 WI 692
 1918 WJMN 3 MI 854
 1936 WTOM 4 MI 809
 1959 CHFD 4 ON 1039
 2134 KDLO 3 SD 1042
 03 Tr 0117 WFTS 28 FL 435
 0543 WFGC 61 FL 549
 0551 WTGL 52 FL 434
 0604 WACX 55 FL 385
 (over local LPTV)
 0632 WXEL 42 FL 559
 (over local LPTV)
 0647 WMFE 24 FL 411
 (tp over local LPTV)
 04 Es 2048 KSWK 3 KS 983
 2100 KENW 3 NM 1117
 2204 KCNC 4 CO 1228
 05 Tr 2209 WLOV 27 MS 279
 10 Tr 1914 WUPN 48 NC 283
 1921 W45BP 45 SC 125
 1934 W52AA 52 GA 65
 2022 WJPM 33 SC 258
 2027 WMMB 21 SC 282
 2035 W32BM 32 GA 81
 2122 WVAN 9 GA 195
 2159 W18BF 18 SC 103
 11 Tr 0728 WSST 55 GA 141
 (over local LPTV)

14 Es 1628 unID 3 //XHDF
 15 Tr 0511 WFLA 8 FL 435
 (local off after storm)
 15 Es 1948 unID 4 Cayman Islands
 address on 555-CASH ad with lady with thick accent
 2000 unID 4 MCTV (net ID?) into
 "Remembering Canada at War" pgm
 [Mid Canada TV (RM)]
 16 Tr 0757 WXGA 8 GA 210
 (local off after storm)
 0808 WCTV 6 GA 225
 19 Tr 1901 WCTE 22 TN 167
 (local LPTV off ... storm)
 2050 WUNU 31 NC 302
 2106 WLFL 22 NC 331
 (local LPTV off ... storm)
 2308 WKOH 31 KY 322
 2316 WKSO 29 KY 226
 2323 WDRB 41 KY 318
 2331 W48BM 48 KY 226
 2333 WEHT 25 IN 330
 2344 WKYT 27 KY 284
 2350 WKNT 40 KY 241
 (over local LPTV)
 20 Tr 0005 WBKO 13 KY 250
 0014 W27BQ 27 TN 96
 0040 WEVV 44 IN 330
 0100 W35BE 35 AL 116
 0116 WNPX 28 TN 163
 0629 W47BA 47 GA 72
 0725 WJEB 59 FL 296
 (over local LPTV)
 1028 W51AB 51 GA 97
 26 Tr 0652 WNTQ 27 FL 358
 0658 WCJB 20 FL 321
 0718 WBCC 68 FL 434
 0720 WTLV 12 FL 297
 30 Tr 2115 W24CB 24 AL 97
 (local LPTV off ... storm)

Several helpful websites: Doug Smith's, Chip Kelley's, FCC, TV Guide, yellow pages, and the one that computes distance and antenna bearing.
 73, Jim

Doug Smith, 1385 Old Clarksville Pike, Pleasant View, TN 37146-8098
 w9wi@bellsouth.net

June, 1998

02 Tr 1021 KEMV 6 AR Mountain View 293
 1030 KTBS 3 LA Shreveport 466
 NOTE #1
 1041 KLTJ 22 TX Galveston 680
 10 Tr 1224 W48BM 48 KY Bowling Green 62
 "WHT"
 W64AV 64 KY Hopkinsville 39
 flea-powered WKMA translator
 strongest ever seen
 13 Tr 0842 W57CG 57 TN Memphis 173
 PSN shopping

WEOA-LP 67 IN Evansville 110
 //WVAZ-19 NOTE #2
 0930 WBUY 40 MS Holly Springs 175
 TBN, rare
 KARD 14 LA W Monroe 415
 KIPB-LP 65 AR Pine Bluff 316
 "JRMCC" local medical center ad
 13 Es 1334 KREG 3 CO Glenwood 1122
 Springs
 1357 KRMA 6 CO Denver 1012
 KGWNt 5 WY Cheyenne. CBS
 under local WTVF
 unIDs to channel 4
 14 Es 1026 KIII 3 TX CorpusChristi 861
 ad for KOPY-1070 AM
 1901 KWGN 2 CO Denver 1011
 "Ask the Rockies"
 KMID 2 TX Midland, ID 945
 15 Es 0719 unID 2
 16 Es 0729 unID 2
 17 Tr 0832 WICS 20 IL Springfield 268
 WRSP 55 IL Springfield 268
 WTVF 47 IL Peoria 322
 0843 unID 56 PSN shopping suspect
 Evansville
 19 Tr 0900 WHSL 46 (MO) E. St Louis, IL 232
 19 Tr 0900 K45CA 45 MO Cape 151
 Girardeau ACTS
 WICS 20 IL Springfield 268
 1102 KOLR 10 MO Springfield 329
 2311 W38BK 38 IN EvansvilleTBN 106
 K62DA 62 MO Malden 160
 WREG-3
 W56DN 56 IN Evansville 113
 //WTSN-LP 63
 WTSN-LP 63 IN Evansville 113
 WEOA-LP 67 IN Evansville 113
 20 Tr 0000 W57CG 57 TN Memphis PSN 173
 WRSP 55 IL Springfield 268
 unID 65 TBN, suspect
 Elizabethtown, KY
 W53AF 53 MS Booneville TBN
 WYMT 57 KY Hazard 222
 WICS 20 IL Springfield 268
 0024 W28AI 28 IL Salem 183
 3ABN o/WNPX NOTE #3
 21 Es 1100 KMID 2 TX Midland 945
 22 Es 0944 unIDs to ch. 4
 23 Es 0927 unID 2 peaks Canada
 24 Tr 0802 WICS 20 IL Springfield 268
 WRSP 55 IL Springfield 268
 WTVF 47 IL Peoria 322
 WEHSt 60 IL Aurora, HSC 380
 0824 WLF 18 IN Lafayette 277
 public-file annt.
 0827 WEIU 51 IL Charleston, PBS
 0830 WXIN 59 IN Indianapolis, ID246
 25 Es 0949 XEFB 2 NL Monterrey 1075
 26 Tr 0000 KVTJ 48 AR Jonesboro 199
 ID color bars, new to air (thanks Ed Phelps!)
 0736 Cincinnati 9, 12, 64 235
 WKEF 22 OH Dayton 276

26 WCVN 54 KY Covington 230
 27 Es 1335 XEFB 2 NL Monterrey 1075
 1345 KILL 3 TX Corpus Christi 861
 28 Es 0745 WFSB 3 CT Hartford 848
 unIDs to ch 6 Northern Ontario in on FM
 29 Es 0842 KGFE 2 ND Grand Forks 982
 "Prairie Public TV"
 29 0842 CBWFT 3 MB Winnipeg 1060
 SRC logo and French

NOTE #1: At this time, I saw a promo on WKNO-TV [10], promoting WREG [3] newscasts on WKNO-FM... Guaranteed to confuse both types of Dxr!

NOTE #2: Also, most other LPTVs within 200 miles. Local WPGD [50] was completely gone, totally buried by WFBI at 175 miles. WMC [5] Memphis was briefly over my closest local, WTVF (18 miles); there was heavy CCI on WUXP [30] (same site as WTVF), WBKO [13] at about 70 miles was in color on the UHF antenna (which usually can't even get locals on VHF!), and a 180-mile FM station overrode 20-mile local WSM-FM. Amazing intensity to this opening.

NOTE #3: The most intense enhancement ever noted. W28AI's signal was briefly snow-free. And on the car radio on the way home from work, I heard 100+ mile DX stations on frequencies adjacent to 100KW locals - on 105.7, 200-mile KPNT was heard while driving past the 105.9 tower!

WBUY [40] is running much lower power than the listed 4680KW. It was about the same strength as W57CG...

Russell Miller, HC 61, Box 86B, North Amity, ME 04471-9622

June, 1998

12 Es 2100 WCBF 2 SC 1111
 2113 WJXT 4 FL 1311
 13 Es 1825 WFMY 2 NC 920
 1837 WCBF 2 SC 1111
 "Record Temperatures"
 1902 WYFF 4 SC 1080
 1910 WBAY 2 WI 985
 1910 TBT C KPR 2 ON TBT 2/5 7019
 2106 WSBTV 2 GA 1213
 2234 WKRN 2 TN 1194
 15 Es 1730 WMAB 2 MS 1426
 2024 WCBF 2 SC 1111
 16 Es 0848 WESH 2 FL 1359
 2030 WESH 2 FL 1359
 18 Es 2214 WBBM 2 IL 1022
 2326 WFMY 2 NC 920
 19 Es 0826 WCBF 2 SC 1111
 0840 WUND 2 NC 816
 20 Es 1500 KGAN 2 IA 1214
 1502 KTCAT 2 MN PBS minus
 1520 KGFE 2 ND Z PBS 1384
 1602 WKAQ 2 PR in 4 mins. 1898
 1624 WMAR 2 MD
 Comcast 410 area code
 1729 WKAQ 2 PR in 1 min. 1898

22 Es 0811 WBBM 2 IL 1022
 0814 KGAN 2 IA 1214
 0845 WCIA 3 IL 1103
 0857 KSDK 5 MO 1246
 1204 WSBTV 2 GA 1213

23 Ms 0833 unID 15Z KY or WI

Es 0850 KDKA 2 PA 718
 0900 WAVE 3 KY 1057
 0900 WDTN 2 OH 932
 0901 WTVW 2 IN 1086
 0911 WTTV 4 IN 1018
 0933 WEWS 5 OH 753

5 Logo (Thanx Danny)

0957 WRTV 6 IN 1018
 0958 KMOV 4 MO 1246
 0959 KSDK 5 MO 1246
 1000 WSYX 6 OH 868
 1032 WCMH 4 OH 868
 1143 WMAQ 5 IL 1022
 1202 WTMJ 4 WI 1007
 24 Es 2058 WUND 2 NC 816

26 Es 0841 WTVB 4 MI 4/7

27 Es 1130 WUND 2 NC 816
 1200 WUNC 4 NC 904
 1200 WWAY 3 NC 966
 1202 WCBF 2 SC 1111
 1318 WFMY 2 NC 920
 1423 WRAL 2 NC 897
 1811 CJONTV 6 NF + CTV 727
 1814 CBNT 5 NF + CBC 612
 1820 CBNT 4 NF + CBC 577
 1823 CJAPT 3 NF Z NTV 667
 1825 CJQXTV 2 NF + NTV 608
 1832 CJQNTV 4 NF Z NTV 608
 1840 CBYT 5 NF Z CBC 510
 1840 CBNT 5 NF Z CBC 703
 1850 CBNAT 3 NF Z CBC 609
 1856 CBYT 2 NF Z CBC 525
 1912 CBYT 6 NF + CBC 432
 1940 CBFJTV 4 NF - SRC 727

291 watts Thanks D. Smith

2314 WDTN 2 OH 932
 2316 WTTV 4 IN 1018

Showing WRTV 6 NXS
 WTTV & 782-4444 in sync bar

28 Es 0815 WSJK 2 TN 1027
 0820 WSBTV 2 GA 1213
 0900 WEARTV 3 FL 1499
 0909 WJXT 4 FL 1311
 1419 WDTN 2 OH 932
 1428 WJBK 2 MI 792
 1431 WBAY 2 WI 985
 1551 WSBTV 2 GA 1213
 1554 KGAN 2 IA Tornado warnings
 1557 WOITV 5 IA Tornado warnings
 1630 WSJK 2 IN 1027
 1954 WJBK 2 MI 792
 1955 WDTN 2 OH 932
 1955 WCIA 3 IL 1103
 1957 WTTV 4 IN 1018
 2048 WAVE 3 KY 1057
 2100 WKRN 2 TN 1194

WESTERN TV-DX

August 1998

Marvin Shults, RR #1, Toulon, IL 61483

May 1998 CDT

28 Es 1800 X 2 SS

KILL 3 TX

KENS 5 TX

29 Es 1800 KMID 2 TX

-1815 X 2 SS

1825 WEAR 3 FL

1900 KILL 3 TX

31 Es 1800 WHSV 3 VA

1810 WESH 2 FL

1909 WFSB 3 CT

1923 WPBT 2 FL

1929 WEDU 3 FL

June 1998

01 Es 1600 WESH 2 FL

William Eckberg, 1032 Sterling

Rd., Dixon, IL 61021

May 1998 CDT

01 Es 1300 WBRZ 2 LA 784

06 Es 1100 XEJ 5 CH 1162

14 tr 0430 KSAX 42 MN 404

0530 KYNE 29 NE 464

1100 WBMG 42 AL 582

15 tr 0030 KYNE 29 NE 464

0035 KXNE 19 NE 402

0045 WYMT 57 KY 449

17 Es 1500 WPBT 2 FL 1229

1515 WWAY 3 NC 800

1520 WEDU 3 FL 1031

18 Es 2215 XEJ 5 CH 1162

2255 KASA 2 NM 972

24 Es 2200 WPBT 2 FL 1229

27 Es 2340 KRGV 5 TX 1189

28 Es 1815 KMID 2 TX 967

1825 WESH 2 FL 983

1830 WPBT 2 FL 1229

1900 KUTV 2 UT 1139

1905 KSL 5 UT 1139

1910 KTVK 3 AZ 1348

KPHO 5 AZ 1348

2220 KRGV 5 TX 1189

29 Es 1710 XHCH 2 CH 1305

Chihuahua

1825 KRGV 5 TX 1189

31 Es 1900 WEDU 3 FL 1031

1610 WJXT 4 FL

1612 WBT 3 NC

1615 WWAY 3 NC

1621 WCBF 2 SC

1650 WRAL 5 NC

1653 WGBH 2 MA

1717 WSAV 3 GA

1730 WLBZ 2 ME

1730 WCBF 2 NY

1750 WCSC 5 SC

1800 WFSB 3 CT

1800 CJCH 6 NS

1806 C 4

1830 CKCW 2 NB

1950 WUFT 5 FL

1950 WEDU 3 FL

04 Es 1950 KPRC 2 TX

Victor Frank
 12450 Skyline Blvd.
 Woodside, CA 94062-4554
 e-mail frank@horizon.sri.com
 (650)851-7031

1950 X 2 SS

2040 XHPN 3

2045 KMID 2 TX

2055 KFDM 6 TX

2057 KDTN 2 TX

2100 KDFW 4 TX Fox4

13 Es 1250 XEPM 2

1252 KASA 2 NM

1400 KENW 3 NM

14 Es 1200 WPBT 2 FL

1200 WEDU 3 FL

1730 WBRZ 2 LA

1735 WWL 4 LA

1800 KPRC 2 TX

1800 KENS 5 TX

1815 KRGV 5 TX

1837 X 2

1430 KACV 2 TX 803

1900 KENW 3 NM 912

18 Es 2000 KXMA 2 ND 732

20 tr 0655 77Xtr 42 KSMQ15

23 Es 1055 CBHT 3 NS 1272

1100 WCAX 3 VT 821

1130 CHAU 5 PQ 1184

29 Es 0100 KTVQ 2 MT 968

1745 CKCW 2 NB 1221

1830 CFAP 2 PQ 938

1620-2005 on June 1 will

most likely comprise the best Es

opening of the year. I received

two new stations. Es was short,

went into an area not seen often,

and was fast moving.

A snowfree pix was taken of

KSMQ-15, Austin, MN on ch. 42

just before sign on. Antenna

heading was 325 degrees or just

east of Minneapolis from Dixon,

IL. I can not find where anyone

has logged such a station. My

sources list no possibilities. Does

anyone have any ideas? Reception

was too good to be anything but an

translator.

Dennis Park Smith, 3703 Dixon St., Santa Barbara, CA 93105-2419 (805)687-7803

This report is for June 1998, any times are PST.

Even with regular (though not constant observation, there was almost no Es noted in June. While in Wasco on June 5-7, only this was seen: Jun 6 Es 0756 Ch 3 approx 5 seconds, V & A Good Es 0805-0820 Ch 2 in & out, V & A vy Good

Sometimes severe weather conditions, including tornadoes coincide with Sporadic-E openings, but perhaps not this year. The only other possible Es was on June 27 on FM. See Southern FM-DX for details.

Southern-CA coastal tropo (to San Diego/Tijuana, 200 mi/320 km) was mediocre, as the hot inland (away from ocean vicinity) temperatures have been late coming this year.

June 1: Fair, improving to good
 June 2: Poor, down to very poor (cooling)
 June 3: No tropo, improving to very poor
 June 4-5: Very poor
 June 5-7: [Out of town] In Wasco
 June 7-12: No tropo (some rain June 12)
 June 13-19: Variably poor (increased heating inland)
 June 20-22: Variably fair
 June 23-27: Variably poor (heating slackened off)
 June 28-30: Variably fair (more heating).

Western TV DX

Fernando Garcia, San Salvador 415, Rincon de la Sierra, Cd Guadalupe, NL, 67181 MEXICO

Sony KV-27EXR15, Screened CM 7'dish 85', RG11, UA900 amp. Sony KV-13TR27, CM 1110 30', CM 8 bay UHF array 60'.

1800' ASL, No re-logs in the same month, only tropo 500+ miles.

June 1	CDT
0200 KADN 15 LA Lafayette	586
WPMI 15 AL Mobile	838
KLTL 18 LA Lake Charles	548
WHNO 20 LA New Orleans	688
KLPB 24 LA Lafayette	567
WGNO 26 LA New Orleans	694
WLPB 27 LA Baton Rouge	638
K30EM 30 LA Houma	644
WHBR 33 FL Pensacola	838
KWBJ-LP 39 LA Morgan City	618
0215 WCCL 49 LA New Orleans	688
WUPL 54 LA Slidell	705
K59DG 59 LA New Orleans	688
KLAF-LP 62 LA Opelousas	600
K66FI 66 LA Opelousas	599
W58BO 58 MS Natchez	670
WDBD 40 MS Jackson	754
WAPT 16 MS Jackson	754
K69HD 69 LA Church Point	586
K46DG 46 LA Lafayette	587
KXTX 39 TX Dallas	518
KDXT 58 TX Dallas	518
K67GL 67 LA Bunkie	614
K47DW 47 LA Alexandria	611
WVLA 33 LA Baton Rouge	633
W36AC 36 MS McComb	710
K61GO 61 LA Hicks	581
0230 K55HA 55 LA New Iberia	596
KFKX 51 TX Longview	557
KETK 56 TX Jacksonville	532
KAJN-LP 40 LA Lafayette	586
W29BH 29 MS Biloxi	757
WXXV 25 MS Gulfport	764
K19DM 19 LA Alexandria	611
K65FV 65 LA Crowley	572
0300 K49DE 49 LA New Iberia	596
K51EC 51 LA Lake Charles	532
0545 WMPV 21 AL Mobile	842
WEIQ 42 AL Mobile	825
WMAH 19 MS Biloxi	770
WNOL 38 LA New Orleans	694
KVHP 29 LA Lake Charles	530
0600 KFWF 52 TX Fort Worth	522
WLTZ 38 GA Columbus	1036
WXTX 54 GA Columbus	1037
WGBB 44 LA Baton Rouge	633
W47BP 47 MS Hattiesburg	766
WIIQ 41 AL Demopolis	877
0645 WMGT 41 GA Macon	1115

WPGA 58 GA Perry	1115
W52BF 52 AL Mobile	818
WLAE 32 LA New Orleans	694
W45AA 45 MS Columbia	739
WMAW 14 MS Meridian	807
0700 WABM 68 AL Birmingham	966
WIAT 42 AL Birmingham	969
WTTT 21 AL Homewood	969
WCFT 33 AL Tuscaloosa	924
WGBC 30 MS Meridian	834
KLPA 25 LA Alexandria	619
0715 KPXD 68 TX Arlington	518
2130 WFSG 56 FL Panama City	929
WPAN 53 FL Fort Walton B.	869
2145 WTWG 40 FL Tallahassee	1030
WTLX 27 FL Tallahassee	1031
June 2	
0245 KLAX 31 LA Alexandria	618
W39BP 39 FL Pensacola	859
WMDN 24 MS Meridian	834
K56DR 56 LA Baton Rouge	633
KASN 38 AR Pine Bluff	772
0300 KLRT 16 AR Little Rock	782
0330 WFBI 50 TN Memphis	904
K65CE 65 LA Shreveport	615
0345 W63BK 63 MS Meridian	834
WMAU 17 MS Bude	697
0530 KSHV 45 LA Shreveport	616
W38BU 38 AL Moody	988
WMAO 23 MS Greenwood	788
WJSU 40 AL Anniston	992
WTJP 60 AL Gadsden	998
0600 WSWs 66 AL Opelika	1023
WFOA 32 AL Montgomery	928
0615 WFIQ 36 AL Florence	964
0630 WFXL 31 GA Albany	1066
0645 W50CF 50 AL Mobile	817
0700 WMCF 45 AL Montgomery	965
0715 WGIQ 43 AL Louisville	987
WAIQ 26 AL Montgomery	959
WCOV 20 AL Montgomery	958
June 3	
0230 KHSX 49 TX Irving	518
KDFI 27 TX Dallas	518
June 4	
0330 KLDT 55 TX Lake Dallas	544
0615 WFTX 36 FL Cape Coral	1142
WSCV 51 FL Fort Lauderdale	1242
WYHS 69 FL Hollywood	1242
WDZL 39 FL Miami	1243
WBFS 33 FL Miami	1242
0630 WHFT 45 FL Miami	1244
WLTV 23 FL Miami	1242
0645 WOPX 56 FL Melbourne	1189
0700 WBBH 20 FL Fort Myers	1144
June 8	
0615 KMSS 33 LA Shreveport	615
0645 KVTH 26 AR Hot Springs	739
June 9	
0615 WXVT 15 MS Greenville	794
0700 WAFB 9 LA Baton Rouge	638
June 10	

Western TV DX F. Garcia's report continues

0300 WJTC 44 FL Pensacola	842
0330 WDHN 18 AL Dothan	982
0515 WJSP 28 GA Columbus	1057
0615 WETU-LP 39 AL Wetumpka	969
June 11	
0230 WPGX 28 FL Panama City	952
WSRE 23 FL Pensacola	857
0245 W41BN 41 AL Dothan	980
0530 WATL 36 GA Atlanta	1104
WMPN 29 MS Jackson	747
0615 W52BC 52 AL Selma	928
0700 WNTZ 48 MS Natchez	670
June 12	
2130 WBHS 50 FL Tampa	1116
2230 WTTA 38 FL St. Petersburg	1116
2245 WTEV 47 FL Jacksonville	1179
WJEB 59 FL Jacksonville	1180
June 13	
2045 WGFL 53 FL High Springs	1112
WOGX 51 FL Ocala	1123
WRBW 65 FL Orlando	1192
WKCF 18 FL Clermont	1192
WACX 55 FL Leesburg	1180
2200 W69AY 69 FL Alachua	1128
June 14	
0145 WFTS 28 FL Tampa	1116
0345 WBSF 43 FL Melbourne	1200
WTGL 52 FL Cocoa	1200
0630 WFGX 35 FL Fort Walton B.	892
WBCC 68 FL Cocoa	1200
WOFL 35 FL Orlando	1191
0700 WVUE 8 LA New Orleans	693
0745 WUPA 69 GA Atlanta	1100
0800 WLMT 30 TN Memphis	901
WPTY 24 TN Memphis	904
0845 WMFE 24 FL Orlando	1191
WUSF 16 FL Tampa	1116
0930 KARD 14 LA West Monroe	659
KMCT 39 LA West Monroe	679
WZDX 54 AL Huntsville	1025
WAAY 31 AL Huntsville	1028
0945 W47BS 47 AL Talladega	996
1015 W46AV 46 MS Pascagoula	783
2030 WTVT 13 FL Tampa	1117
WKMG 6 FL Orlando	1191
local out after a thunderstorm	
WWWB 32 FL Lakeland	1135
WGPU 30 FL Fort Myers	1144
2045 WTVK 46 FL Naples	1153
WZVN 26 FL Naples	1153
XHDH 11 YU Merida	780
XHTP 9 YU Merida	780
2100 WAMI 69 FL Hollywood	1242
new calls and goes independent	
2115 WRXY 49 FL Tice	1142
WTLH 49 GA Bainbridge	1029
WAWS 30 FL Jacksonville	1179
2145 WWSS 40 FL Sarasota	1108
WJXX 25 FL Orange Park	1163
WJWB 17 FL Jacksonville	1180

WCEU 15 FL New Smyrna Beach	1191
WXPX 66 FL Bradenton	1115
June 15	
0030 WBSG 21 GA Brunswick	1171
0100 WWMP 36 SC Charleston	1320
Full ID	
WTAT 24 SC Charleston	1331
WTBC-LP 65 FL Tallahassee	1025
0115 WTGS 28 SC Hardeeville	1222
0515 W36AJ 36 FL Jacksonville	1175
0545 WFLX 29 FL West Palm Beach	1238
WXEL 42 FL West Palm Beach	1238
0700 WPXP 67 FL Lake Worth	1248
WFGC 61 FL Palm Beach	1248
June 16	
2200 K65FP 65 LA Baton Rouge	645
strong, o/u K65FV also in strong	
KBTR-LP 19 LA Baton Rouge	642
o/u strong WMAH Both with Baton Rouge	
today Extremely strong opening to south LA	
June 17	
0145 K52EV 52 LA Leesville	574
0515 KOPX 62 OK Oklahoma City	705
KSBI 52 OK Oklahoma City	692
0530 KTLK 43 OK Oklahoma City	706
KUVN-LP 31 TX Fort Worth	521
KWHB 47 OK Tulsa	765
0545 KMPX 29 TX Decatur	537
KTAQ 47 TX Greenville	574
KTXA 21 TX Fort Worth	518
0600 KTFO 41 OK Tulsa	766
KWMJ 53 OK Tulsa	766
KYPX 42 AR Little Rock	803
0615 KLTS 24 LA Shreveport	616
June 19	
0515 KDAF 33 TX Dallas	518
June 21	
0615 K22EH 22 TX Longview	568
Zorro, local out	
0630 K30EA 30 TX Texarkana	651
0715 K52DX 52 TX Texarkana	651
0800 KTVV-LP 63 AR Hot Springs	782
with WB22 (Little Rock)	
High Pressure area over the Gulf and	
temperatures above normal continued into June	
allowing the best month of June ever.	
Total of 12 days with 1000+ miles tropo. 8 days	
in a row: June 10-17. Total of 64 (1000+) mostly UHF	
TV stations were logged:	
Alabama 3	
Florida 48	
Georgia 10	
South Carolina 3	
Thanks to Jeff Kruska for helping to ID K22EH and	
KTVV-LP	
73's Fernando	

Western TV DX

Randy Miltier-K7RPM, 1185
Linda Ave, Ashland, OR 97520

Equipment: Zenith 19" color with
low band ch. 2-6 antenna. Zenith
13" b&w with handheld dipole
antenna.

June 11 1998 Es PDT
0930 KENW 3 1201
0945 KBSD 6 1240
0958 KRMA 6 923
1001 KSWK 3 1196
1002 KDUH 4 975
1015 KTVS 3 1016
June 12 1998 Es
1431 KLNE 3 1210
1641 KTVK 3 841
June 13 1998 Es
0825 unID 2 meters open into CO
June 19 1998 ??
1120 unID 3 nothing on ch. 2 or 6
meters. Two ladies talking about
road improvements on West
Boulevard.
June 29 1998 Es
0933 KTVS 3
1011 WBAY 2 1744
N8PUM beacon in from Green Bay on 6m.
1018 unID 2 Promo for the Music Hut
1027 KXMA 2 ND 1027
1030 KGFE 2 ND 1276
1031 KBME 3 ND 1124
1051 KRMA 6 CO
1058 KDUH 4 NE
1100 KLNE 3 NE
1101 KTVS 3 CO
1123 KTVK 3 AZ
1200 KTVQ 2 MT 743
1201 KYUS 3 MT 885
1226 KIDK 3 ID 516
1230 KWSE 4 ND 1015
1247 KBME 3 ND
1305 CHAT 6 AB 791
1315 CHAT 3 AB does this
station have a call?
1317 CITL 4 AB 967
1323 CICT 2 AB 731
1325 KHQ 6 WA 445
1339 unID 2 Canada
"...on the Super Channel".
1353 unID 5 floater with "Rosie
O'Donnell Show"
1353 unID 6 Spanish!
1428 KENW 3 NM
1430 KWGN 2 CO 923
1442 KAMR 4 TX 1235
1502 KACV 2 TX 1235
1528 CFSS 3 SA 1088

with CKOS ID
1532 CKCK 2 SA 1031
1545 KREZ 6 CO 856
1558 KSWK 3 KS 1176
1559 KRMA 6 CO
1600 KLBV 4 KS 1151
with "KAKE News"
1601 KBSD 6 KS 1240
1603 unID 4 mentioned "Vanilla
Pass Fire" during news.
1620 KWNB 6 KS "NTV" 1129
1630 KOTA 3 SD 982
1631 KDUH 4 NE

June 29th was probably one of the
best days I've had with Sporadic E
in many, many years. Sometimes it
had a pattern and other times
signals were coming from every
where. There were many unIDed
stations that just didn't make it
through the hash. In addition to
the TV loggings, I managed
double-hop contacts on 6 meters to
NH, NY, NJ, MO, MI and Ontario.
On the tentative WBAY-2
logging...I called WBAY trying to
get some info about their Noon
News. I made the mistake of
telling the young lady I was in
Oregon and that maybe I received
their station. Well, she told me
there was no way I could get
WBAY in Oregon and that was
about the end of the conversation.
I thought about it, called back the
next day and requested a VHS tape
of the Noon News...no problem.
I'll do my own research..thank you.
The N8PUM 6 meter beacon (1
watt) also was in here from the
Green Bay area.

The KHQ-6 logging was a surprise
at 445 miles. Channel 2 was a
mess so couldn't tell if KREM-2
was in.
KOB1-5 in Medford (about 20
miles west) is just tough to get
through. I had a couple of floaters
but they didn't last long.
The Es season prior to this opening
has been terrible. The March-like
weather just cleared out about June
26th. It snowed on nearby Mt.
Ashland (7500 ft) on June 24th!

Mike Cherry, VE7SKA, Box 631
Ganges PO, Salt Spring Is. BC
V8K 2W2 CANADA
June 1998 UTC heading
19 Es 1830 KREG 3 CO 120
20 Es 1735 KCNC \$2 CO 120

July 1998 UTC
04 Es 0157 KTVU \$2 CA 170
0200 KCRA 3 CA 170
0243 KTVX 2 UT 165
0319 KVBC \$3 NV 165
08 Es 0159 KNAZ \$2 AZ 160
0212 KTVK 3 AZ 155

Danny Oglethorpe, P.O. Box
6688 Shreveport, LA 71136-6688
May 22 1998 tr UTC miles
0625 WJTC 44 FL 410
0648 WBHS 50 FL 743
0728 WFTS 28 FL 743
0740 WTOG 44 FL 740
0750 W47BP 47 MS METV 274
0842 WTXL 27 FL 577
0845 WWSB 40 FL ABC40 577
0935 WFOA 32 AL 438
K43DV 43 TX TBN 314
1020 WWWB 32 FL WB32 767
1105 XHOR 14 TAM 503
Azteca 13 floating on KETH
1355 WFTX 36 FL 818
1430 WRBW 65 FL 784

Fighting local W65CE
May 23 1998 tr
Most stations from previous day
0315 WTJ7 60 AL TBN 461
WIAT 42 AL 410
0428 WTTT 42 AL 410
0435 unID 34 Box, east
0450 WTGL 52 FL 826
0510 WJSU 40 AL ABC33/40 488
WBSF 43 FL 840
0515 WPMX 66 FL 752
0603 unID 52
Weather Station promo; east
0620 WBSV 62 FL 771
0640 WEAR 3 FL Local off 410
0702 WTVK 46 FL 841
0728 WACX 55 FL 749
0735 WTEV 47 FL 728
0825 WGNX 46 GA 551
WATL 36 GA 551
1425 WCOV 20 AL 436

Tampa still in
1545 XHMOY 22 NL XEQ-9 611
1550 XHCNL 34 NL 342-4260 611

May 24 1998 tr
Many of same stations as previous days
0040 WTTA 38 FL 740
0048 WTVT 13 FL 743
Fighting WLOX-13
0148 WFLA 8 FL 743
Fighting KNOE and WVUE
Super trop is over by 10 PM CDT May 23.
May 26 1998 Es
1515 XHFM 2 VER 950
1615 WPBT 2 FL 939
1705 XHG 4 JAL 1003

May 27 1998 Es UTC
0020 Cuba 2
0035 CBFTI 2 PQ Hockey in French
unIDs 2, 4, 5 Canada
0136 WGRZ 2 NY 1091
0235 WMAR 2 MD 1072
New angled-bottom 2
0300 KDKA 2 PA 945

Western TV DX D. Oglethorpe

0325 WTAE 4 PA 945
0335 WIVB 4 NY 1091
1328 WUND 2 NC 1031
1410 KTWO 2 WY 996
1413 KWGN 2 CO 806
1440 WPBT 2 FL 939
1455 KASA 2 NM 753
1515 KNAZ 2 AZ 1045
1559 WCBF 2 SC 805
1600 WESH 2 FL 789
1608 WSB 2 GA 551

unIDs US and Mexico
May 28 1998 Es UTC
1705 XHTV 4 DF 958
1728 XHAGU 2 AGS 896
1815 XHAGU 2 CHIH 778
Local ads/promos
1828 XHIT 4 CHIH 778
Supered ID top
1833 XHFI 5 CHIH XEW 746
1940 KDBC 4 TX
XHG 4 VER Telever 900
2015 unID 5 Mexico SE; 5 logo
unIDs 2, 4, 5 Mexico

2120 WPTV 5 FL 912
WCSC 5 SC 805
2130 WUNC 4 NC //WUND2 875
2132 WBTB 3 NC Floating 768
WCIV 4 SC 805
2138 WRAL 5 NC 896
2201 WFMY 2 NC 838
2210 WJBK 2 MI 904
2215 WBTG 2 WI 892
WTTG 5 DC 1042
2220 WWAY 3 NC Floating 924
2225 WDIV 4 MI 904
WDTN 2 OH 735
2226 WNEC 5 MI 943
2229 WRC 4 DC DC Nx 1042
2245 WTAE 4 PA 945

ID supered of ABC Nx
2250 WTVR 6 VA 988
Over KTAJ; ID 2300
Channels 2,4,5 too packed to work
2335 KTVQ 2 MT 1215
May 29 1998 Es UTC
0015 KCNC 4 CO 806
KOAA 5 CO 5/30 734
0020 KRMA 6 CO 806

Over KTAJ until ID time
0030 KGWN 5 WY CBS5 1071
KCWC 4 WY 1071
0135 WTVJ 6 FL Floating 939
0157 KTVX 4 UT 1160
KUTV 2 UT 1160
0215 KVOA 4 AZ 1004
KNAZ 2 AZ 1045
KPHO 5 AZ 1065
0233 XEFB 2 NL 611
0312 KNME 5 NM 764
2140 CHFD 4 ON TBT4&6 1130
2145 CKPR 2 ON TBT2&5 1130
2325 WBBM 2 IL 737

May 30 1998 Es UTC
0240 KCBS 2 CA 1420
1845 KOB 4 NM 764
May 31 1998 Es UTC
1915 WMAR 2 MD 1072
June 1 1998 Es UTC

1720 KXMA 2 ND 1110
1800 KTWQ 2 WY 996
1815 WJBK 2 MI 904
1830 KBCI 2 ID New State 1447
1920 Local KTBS-3 off for about 2 hours
1928 unID 3 PBS
unID 3 CBS
CITO 3 ON 1288
Ads, News Promo
1950 WBBM 2 IL 737
WTOM 4 MI 7&4 1042
1957 KIDK 3 ID Big ID taped 1256
2020 KBCI 2 ID back
2030 WFSB 3 CT New State 1330
2053 WWAY 3 NC 924
2058 WPSX 3 PA 1037
2100 CKPR 2 ON TBT 1130
2110 WSTM 3 NY 1212
2112 WRC 4 DC 1042
WMAR 2 MD 1072
2120 WGRZ 2 NY 1092
2140 KXJB 4 ND KX4 1028
2145 KGFE 2 ND Prairie Public 1086
CHRO 5 ON ID & Nx taped 1287

2210 WDIV 4 MI 904
2213 WTAE 4 PA 945
2245 WCCO 4 MN 870
2358 KDKA 2 PA 945
June 2 1998 Es UTC
0020 WIVB 4 NY 1091
unID 5 ABC w/unknown circle
0135 unIDs 2,5 Global, CBC
0730 tropo Valley 7, 9, 17, 23, 44
1720 KNAZ 2 NM 1045
1840 unIDs 2 XEW, Azteca 13
June 3 1998 Es UTC
1435 KWGN 2 CO 806
1528 KTVX 4 UT 1160
1535 KUTV 2 UT 1160
1650 WBAY 2 WI 892
1735 CHFD 4 ON TBT 1130
unIDs 2, 4, 5 Canada & US

June 4 1998 Es UTC
2145 WDTN 2 OH 735
2345 KTCB 2 MN ID 2357 869
June 5 1998 Es UTC
0010 KSTP 5 MN 869
0146 KGAN 2 IA 672
0233 WBKP 5 MI "5/28" ID 1063
0250 KUSD 2 SD SDPTV 738
0301 KPRY 4 SD KSFY 900
June 9 1998 Es UTC
0015 CKCR 2 SK 1367
0058 KGFE 2 ND 1086
0225 KWGN 2 CO 806
0240 KTVN 2 NV 1537
Reno ads, COPS
0505 tropo San Antonio 4, 5, 9
1420 WPBT 2 FL 939
June 10 1998 Es UTC
0215 KTWQ 2 WY 996
0305 KASA 2 NM 753

June 11 1998 Es UTC
0035 KNAZ 2 AZ 1045
June 12 1998 Es UTC
0445 unID 2 XEW
1735 KXMA 2 ND 1110
1830 KTVQ 2 MT 1215
1950 Local KTBS-3 off; no significant DX

2140 WCBS 2 NY 1238
WGRZ 2 NY 1091
2147 CBFT 2 PQ SRC 1414
WDTV 5 WV 876
2207 KDKA 2 PA 945
WTAE 4 PA 945
unID 5 CBC
2242 WJBK 2 MI 904
2250 unID 4 CBC
2304 WDIV 4 MI 904
2318 WBBM 2 IL 737
CHBX 2 ON Local ads 1098
2323 WBAY 2 WI 892
2329 WTOM 4 MI 7&4 1042
June 13 1998 Es & tr
0030 CJIC 5 ON Local ads 1098
0330 WMAR 2 MD 1072
unID Es to NW until 0145 CDT
0750 tropo Valley 7, 9, 17

VHF packed with area stations
1440 KWGN 2 CO 806
1745 KXMA 2 ND 1110
1759 CKCK 2 SK 1367
KWSE 4 ND Prairie 1206
1829 KIVV 5 SD FOX7 987
KHMT 4 MT 1184
1840 CBKT1 4 SK CBC Sask 1385
KGFE 2 ND 1086
1930 CKND2 2 MB Note #1 1279
KFYR 5 ND 1063
2000 KTVQ 2 MT 1215
2013 KTWQ 2 WY 996
2113 KASA 2 NM 753
2145 KWGN 2 CO 806
2355 KNOP 2 NE 717
June 14 1998 Es UTC
0008 KPRY 4 SD KSFY 900
0035 KXJB 4 UT 1028
June 14 1998 tropo
0325 Valley 5, 7, 9, 23
0605 XHREY 12 TAM floating 513
XHFTX 57 TAM 483
0625 XHLNA 21 TAM 483
0840 WFOA 32 AL 436
0850 Pensacola 23, 44 410
0902 WTOG 44 FL 740

Under WJTC bars
0910 Tampa 28, 50 743
WPAN 53 FL 444
WFSG 56 FL 502
W47BP 47 MS Not WNTZ-48
June 14 1998 Es
1510 WESH 2 FL 789
1610 WCBF 2 SC 805
1625 WUND 2 NC UNC 1031
1640 KWGN 2 CO 806
1735 WMAR 2 MD 1072
1745 WRC 4 DC 1042
WUNC 4 NC //WUND-2 875
1750 WTTG 5 DC 875
1815 WTAE 4 PA 945
1830 WJBK 2 MI 904
Had to leave

1945 KGFE 2 ND 1086
2005 CKND2 2 MB 1279
2015 KXJB 4 ND 1028
2015 CKYB 4 MB 1247
Local ads and calls
2116 WYFF 4 SC ID in bar 676
KDKA 2 PA 945
2210 WTVH 5 NY 1212

Western TV DX *D. Oglethorpe*

2213	WVTV	4 NY	1091
2213	WDTN	2 OH	735
2218	CBLT	5 ON	
2220	WEWS	5 OH New Logo	917
	WDIV	4 MI	904
2222	WRAL	5 NC	896
2222	WJBK	2 MI	904
2223	UNID	5 WLWT or WMAQ	
	WTTV	4 IN ID in bar	619
2250	WNEM	5 MI	943
2252	WBAY	2 WI	892
2258	KSTP	5 MN	869
June 15 1998	Es		
0000	KXMA	2 ND	1110
	KXJB	4 ND	1028

Note #1:
CKND MB has discontinued using call letters. Local news and everything else is called Global. Reminds me of the Sault Ste Marie operations of MCTV (channels 2 and 5) and the CIII/Global stations in Ontario.

John Ebeling, 9209 Vincent Ave S Bloomington, MN 55431

Not too much TV DX to report from the northland. This has not been a good year. Did not have anything to report from my two week stint in Barbados earlier this year.

Here is a re-cap of TV reception noted up here at the cabin in Alborn (MN). Have spent quite a bit of time here, with the TV set to channel 2 most of every day. Poor results. From Alborn MN.

May 1998	CDT
26Es 2000 weak ch 2	
27Es 0740 WCBM 2 SC	
	0827 WSB 2 GA
28Es 1800 ch. 2-5 AZ TX NM	
	1808 KCBC 4 TX
	1809 UNID 5 TX
TX flag 85 in lower left corner of pix	
31Es 1730 WCBM 2 SC	
	1737 WSB 2 GA
	1800 WDIQ 2 AL
June 1998	CDT
12Es 1700 WSJK 2 TN	
13Es 0900 UNID' 2	
	1230 WBRZ 2 LA
	1257 KACV 2 TX
	1259 KOB 4 NM
	1300 KFBB 2 MT
14Es 1400 KDTN 2 TX	
weak Es, went to FM	
	1600 KMID 2 TX
22Es 0900 WKTV 2 NY weak	
28Es 0910 UNID 2 Spanish	
	0930 KACV 2 TX

ch 2-6 & FM to NC, SC, FL, GA	WCBM 2 SC Es
1015 WCBM 2 SC weak	
29Es 0855 WCBM 4 MS	
	0900 WMAB 2 MS
	0936 KTVI 2 MO short
	1530 WCBM 2 SC
2/7 (whatever their calls are now)	1600 CFAC2 2 Calgary
	1600 WCBM 2 SC
	1700 KXLY 4 WA
	CFAC 2 Calgary

Pat Dyer, WAS1YX, 5315
Silvertip Drive, San Antonio, TX
78228-2744

Equipment: 1987 Emerson 872
VCR as tuner into 1994 Keepsafer
9" b&w CCTV monitor; 1973
Archer V-100 antenna and 8-bay
bow-tie UHF array at 20' with
rotor

May 28 1998 Es	CST
1703 KDLH-May 3 MN Duluth	1246
May 31 1998 Es	
2059 WSJK- 2 TN Sneedville	1012
June 2 1998 Es	
1100 KGAN 2 IA Cedar Rapids	962
June 11 1998 Es	
2017 WJBK 2 MI Detroit	1240
June 12 1998	
Es 1859 WMAB 2 MS State Collg	618
tr 2125 K2IDZ 21 TX San Antonio	24
tr 2200 KPLC- 7 LA Lake Charles	341
tr 2345 WNOL 38 LA New Orleans	520
June 13 1998	
Es 1700 KTCA- 2 MN Minneapolis	1118
Es 1729 KIMT 3 IA Mason City	1012
Es 1759 KGAN 2 IA Cedar Rapids	962
Es 1759 WDTN 2 OH Dayton	1078
tr 2301 KATC 3 LA Lafayette	375
tr 2320 WNOL 38 LA New Orleans	520
tr 2323 WGNO 26 LA New Orleans	520
tr 2357 WLPB 27 LA Baton Rouge	447
June 14 1998	
tr 0003 WAPT 16 MS Jackson	529
tr 0357 KTLT 18 LA Lake Charles	341
tr 0359 KLAX 31 LA Alexandria	388
tr 0411 WJTC 44 FL Pensacola	665
tr 0826 WCBM 2 SC Charleston	1141
Es 0830 WSJK- 2 TN Sneedville	1012
Es 0830 WWAY 3 NC Wilmington	1239
Es 1515 WSAB 3 WV Huntington	1124
Es 1644 WBBM- 2 IL Chicago	1055
Es 1854 WDIV 4 MI Detroit	1241
Es 2017 WJBK 2 MI Detroit	1240
tr 2154 WWSW 30 FL Jacksonville	1021
tr 2154 WLAE 32 LA New Orleans	520
tr 2154 WTEV 47 FL Jacksonville	1021
June 16 1998 tropo	

1141 K25ES 25 TX San Antonio	16
2239 WNOL 38 LA New Orleans	520
2240 WLAE 32 LA New Orleans	520
2309 WVLA 33 LA Baton Rouge	442
2315 KPLC- 7 LA Lake Charles	341
2329 WMAH 19 MS Bkoxi	583
June 17 1998	
tr 0006 WVLA 33 LA Baton Rouge	442
tr 0010 WNOL 38 LA New Orleans	520
tr 0030 WEIQ 42 AL Mobile	645
tr 0056 KLFY 10 LA Lafayette	397
tr 0056 KLAX 31 LA Alexandria	388
tr 0059 WJTC 44 FL Pensacola	665
tr 0130 WMAH 19 MS Bkoxi	583
Es 1257 WBTW 3 NC Charlotte	1092
Es 1258 WFMY 2 NC Greensboro	1175
Es 1306 WSJK- 2 TN Sneedville	1012
Es 1400 WTTW 2 IN Terre Haute	928
June 18 1998 Es	
1716 WSIL 3 IL Harrisburg	793
June 19 1998 Es	
1756 KUSD- 2 SD Vermillion	944
1757 KDLO- 3 SD Garden City	1072
June 20 1998 tropo	
0059 WNOL 38 LA New Orleans	520
2301 WGNO 26 LA New Orleans	520
June 21 1998 Es	
1000 WDTN 2 OH Dayton	1078
June 22 1998 Es	
1003 KGAN 2 IA Cedar Rapids	962
1044 WAVE- 3 KY Louisville	976
1100 WDTN 2 OH Dayton	1078
1110 WSIL 3 IL Harrisburg	793
1256 KUSD- 2 SD Vermillion	944
1259 KDLO- 3 SD Garden City	1072
June 25 1998 Es	
0817 WTTW 2 IN Terre Haute	928
0855 WAVE- 3 KY Louisville	976
0859 WSJK- 2 TN Sneedville	1012
0925 WSIL 3 IL Harrisburg	793
June 27 1998 Es	
0856 WEDU 3 FL Tampa	996
1005 WESH 2 FL Daytona Beach	1042
1158 WBTW 2 NC Charlotte	1092
1402 WKMG 6 FL Orlando	1058
1500 WSAV- 3 GA Savannah	1041
1625 WWAY 3 NC Wilmington	1239
1659 KGAN 2 IA Cedar Rapids	962
1859 WSJK- 2 TN Sneedville	1012
June 28 1998 Es	
0731 WESH 2 FL Daytona Beach	1042
0859 WAVE- 3 KY Louisville	976
0859 WDTN 2 OH Dayton	1078
1629 KGAN 2 IA Cedar Rapids	962
1859 KDLO- 3 SD Garden City	1072
1959 KBME 3 ND Bismarck	1189
2233 WISC- 3 WI Madison	1065
June 29 1998 Es	
0333 KTVO 3 MO Kirksville	839
0359 KGAN 2 IA Cedar Rapids	962
0409 WISC- 3 WI Madison	1065
0424 WTTW 2 IN Terre Haute	928

Western TV DX *Pat Dyer*

0430 KYTV 3 MO Springfield	624
0635 KDLO- 3 SD Garden City	1072
0656 KTVQ 2 MT Billings	1247
0700 KOTA- 3 SD Rapid City	1047
1425 WTTV 4 IN Bloomington	986
1429 WCIA 3 IL Champaign	932
1510 WLNS 6 MI Lansing	1207
1659 WBAY- 2 WI Green Bay	1184
1027 KOTA- 3 SD Rapid City	1047

The wee-hour Es of June 29 is something that occurs usually only once every couple of years around here. The 1000+ mi tropo into mid-June is also something of a rarity. The proliferation of local LPTV's is fast becoming a bit of a problem though most DX so far buries them. K21DZ features Tejano music and K25ES apparently runs from the satellite feed for the Ch 10 in Del Rio.

73, Pat - WAS1YX

Frank Aden, N7SOK, 4096
Marcia Place, Boise, ID 83704

July 5: Es skip in up to ch. 5.
Suspect KENW ch. 3 NM as of 7 PM MDT. Had checked at 5:30 PM and had nothing!
July 9: CCI on ch. 2 as of 7 PM MDT. Nothing yet on ch. 3.

Jeff Kadet, K1MOD9, Box 20,
Macomb, IL 61455 (390)833-
1809 JKadet@macomb.com

June 23: 0856, Getting a Canadian from the NE on ch. 2 IDing as "ATV". Think this is CKCW in Moncton, NB.

Eric Bueneman, N0UIH, 631
Coachway Lane, Hazelwood, MO
63042-1347 (314)839-9751
(prepaid only) Eric@aol.com

Equipment:
Aaron 12-inch (30 cm) black and white TV, Archer VU-110 with Archerrotor at 33 feet (10 meters) above ground level. All times CDT, all distances in miles (Editor furnished in miles & km. Latter deleted for lack of space.)
June 19 1998: tropo CDT
2207 WZTV 17 TN Nashville Fox 17 270

June 20 1998: tropo	
0011 WEHT 25 IN Evansville ABC	165
0012 WFIE 14 IN Evansville NBC	165
0013 WEVV 44 IN Evansville CBS	165
0014 WTVW 7 IN Evansville FOX	165
0015 WBKO 13 KY Bowling Green	220
0017 WLCN 19 KY Madisonville	190
0627 WILL 12 IL Urbana/Champaign	110
0628 Decatur IL 17,23 Grade B	155
1810 WMBD 31 IL Peoria CBS 31	140
Cleanly separated from KDNL-30	
1825 Jefferson City, MO 13 Loc, 25 B	80
1826 Columbia, MO 8 B, 17	105
1946 WLFJ 18 IN Lafayette K18BT	220
1947 Springfield IL 20 B, 49, 55 B	80
2159 WCCU 27 IL Urbana/Champaign	155
Fox 55 and 27 /WRSP-55	
2201 WCIA 3 IL Champaign/Urban	150
stronger than WCFN-49	
2221 WSNS 44 IL Chicago B	270
2222 WPWR 50 IN Gary/Chicago	250
UPN Power 50	
2223 WEHS 60 IL Aurora/Chicago	235
2225 WCPX 38 IL Chicago(WCFC)	270
2228 WCIU 26 IL Chicago	270
2232 WICD 15 IL Champaign/Urban	150
2233 WFLD 32 IL Chicago FOX32	270
2236 WLS 7 IL Chicago	270
2300 WTVF 47 IL Peoria	140
cleanly separated from WHSL-46	
2302 WQAD 8 IL Moline/Davenport	190
over WSIU	

Plenty of tropo this time around ... finally noting a new station on Channel 13 when WBKO poked through WPXS. FM stations from the Bowling Green, KY area were also in at the same time. Several stations in the 80-100 mile range were coming in with semi-local or local-strength signals (KRCG-13 was as strong as locals 2, 4, 5, 9 and 11). Two new adjacent channel stations were added, in the form of WMBD-31 (its AM affiliate on 1470 is a nightly visitor here) and WTVF-47. Two stations were mixing it up at the same time on Channel 8...when the antenna was pointed SE, WSIU would dominate, but move it to the north, then WQAD would dominate. Another call change was noted, that being WCPX-38 (dropping its longtime call, WCFC). Even WLFJ-18 was noted, its audio overriding K18BT's, while the video was seen underneath.

Jeff Kruska, 5024 S. Braxton Ave, Baton Rouge, LA 70817 June 1998	CDT
01 tr 0734 KENS 5 TX	445
	KXAN 36 TX 395
	KWEX 41 TX 445
Es 1728 CICI 5 ON 1235	
CTV nx, Sudbury ad and nx	

1729 WNEM 5 MI	990
1827 WDIV 4 MI	935
tr 2058 KXTX 39 TX	365
2211 KVUE 24 TX	395
2240 KVDA 60 TX	445
2246 KEDT 16 TX	425
2303 KHCE 23 TX	445
	KEYE 42 TX 395
02 tr 0709 KFWO 52 TX	395
Telemando	
	KUVN 23 TX 365
1858 KLRT 16 AR	305
1900 KTHV 11 AR	305
Today's THV	
	KYPX 42 AR 305
04 Es 1856 unID 3 hockey, FF, CBC	
1900 KXJB 4 ND	1130
1901 KDLO 3 SD	1025
1920 WPXS 3 PA	975
ID, pledge break	
2107 KTVO 3 MO	675
10 tr 0930 WCOV 20 AL	315
	WTTT 21 AL 335
11 tr 0720 WJSP 28 GA	390
	0722 WLMT 30 TN UPN
	0726 WFB 50 TN 325
	0728 WWSW 66 AL 370
	0731 WHSG 63 GA 640
	2312 WABW 14 GA 490
12 Es 1816 WISC 3 WI	875
tr 2139 KEDT 16 TX	425
	2327 XHAB 7 TA 505
	2338 KXAN 16 TX 425
	KVEO 23 TX 500
13 tr 0104 WTEV 47 FL	560
ID, pgm. sched. On screen	
	0106 WJEB 59 FL 565
	0130 KRRT 35 TX 475
	0136 KEYE 42 TX 395
	0159 WJWB 17 FL 560
Jax ad, "WB 17, cable 9"	
	0955 KDFW 4 TX 365
	KFWO 52 TX 395
	0959 KPXD 68 TX 385
Es 1841 unID 3 briefly	
tr 2051 KEDT 16 TX	425
	XHFOX 17 TA 535
	2156 KVEO 23 TX 500
	2212 XHAB 7 TA 505
	2257 KWEX 41 TX 445
14 tr 0024 KVUE 24 TX	395
	0942 WJSU 40 AL 385
	WTJP 60 AL 390
Es 1155 KLINE 3 NE	860
1200 WTKR 3 VA	960
Newschannel 3 and WNIS	
	1229 WRC 4 DC 985
	1241 WTTG 5 DC FOX
	1317 WTTV 4 IN 655
WB 4 ID - new state!	
	1635 unID 3 Toronto Zoo ad
	1726 WMAQ 5 IL 810
	1729 WTMJ 4 WI 885
	WFRV 5 WI 985
	1736 unID 6
	1743 KXJB 4 ND 1130
	1918 unID 3 PBS
tr 2223 XHAB 7 TA	505
	2224 XHMTA 11 TA 500
	2227 XHREY 12 TA 535
(to be continued next month)	

Magnum Dynalab for over ten years has specialized in designing and manufacturing truly ANALOG FM tuners and accessories. Our true ANALOG design allows you the customer infinite tuning across the FM band, this gives you the ultimate in listening pleasure regardless of the FM conditions.

We as a company strive to give the customer the ultimate in FM performance for the dollar. All our products benefit from our own ANALOG four or five stage tunable R.F. front end, the most critical area of a tuner design; it is in this area that we outperform other people in the business.

The culmination of these years of R/D is the MD 108 HYBRID FM tuner which was awarded ANALOG SOURCE of the year from Sterophile magazine.

MD 108 Hybrid Analog Tuner

In a world given to compromise, Magnum Dynalab has conceded nothing in its approach to building their flagship tuner, the MD 108. Known for manufacturing FM Tuners of unparalleled quality, famous for their balance of Sensitivity, Selectivity and Sonic performance, it was only a matter of time before Magnum Dynalab achieved the pinnacle of FM Tuner performance. Manfred Breuning, designer of Magnum Dynalab products, is confident the MD 108 is that achievement.

Designed and constructed with the music lover in mind, the MD 108 is a hybrid tuner utilizing a truly new ANALOG R.F. section with precise MAGIC EYE tube tuning and a separate audio stage developed to exacting standards, utilizing two 12 AX 7 tubes in the audio switching stage.

ADVANCED R.F. FEATURES

- Quad MATRIX EYE Tube Tuning
- Three Ultra-Sensitive Bandwidth Settings
- Low Noise Dual gate MOSFETS
- Five Stage Front End
- Two Antenna Inputs
- Hand Matched Resonators

A precision tuning pot ensure optimum resolution from the five stage varactor front end. With three ultra-sensitive bandwidth setting and enhanced selectivity, you are ensured the best possible signal from any of the four antenna inputs (two analog, two digital), each selected from the front panel. An exclusive muting circuit eliminates unwanted inter-station noise. To verify performance, the MD 108 employs two accurately calibrated taut band analog meters to indicate multipath and signal strength. In unison with these meters, a unique quad MATRIX EYE tube for centre tuning means there is little guess work in optimizing FM reception. Low noise dual-gate MOSFET transistors and hand matched resonators mated to double-sided, plated circuit boards provide peak performance. The logic circuit which controls the tuner operation uses C-MOS technology, which has very high noise immunity making external transients of little impact. The logic circuit is controlled by gold plated momentary switches. With the switches always in a uniform position, the MD 108 maintains a clean, aesthetically pleasing appearance.

Not to be outdone by the specially designed front end, a separate CLASS A audio stage was designed. Using components and technology, worthy of the signal being received from the front end, the audio stage, using two 12 AX 7 tubes in the final stage and a discrete amplification system is designed to capture the ambience of the music. The BALANCED circuit using a pair of bi-polar low noise transistors are cross coupled to ensure a precise BALANCED signal to match your other higher performance components. The Magnum Dynalab MD 108 establishes the new benchmark by which all other tuners will be judged.



REVIEW

Magnum Dynalab FM Tuner Model MD108

Don Scott cited the Magnum Dynalab MD 108 as one of the five or six best products for fm reception ever built and our voters agreed overwhelmingly. Sound is stunningly life like, bass is tight and solid, textures are delicately rendered, and the transparency achieved by the best broadcast sources is astonishing. All this is enhanced by the MD 108's absence of birdies and other intrusive noises. Of the nearly 10,000 FM stations and translators in the US, many offer spectacular sound; those lucky enough to live within reception of the best should hear it through the MD 108. It might just amaze them that FM can sound so good.

Reprinted from *The Inner Ear Report* Volume 8, #3

Magnum Dynalab FM Tuner Model MD108

It has been awhile since we reviewed a tuner, not since Vol. 5, #3, Summer of 1993 when we reviewed Magnum's then top-of-the-line tuner, the Model Etude. We always considered the Etude to be one of the world's best tuners, regardless of price, and that is why in our studio, we use an Etude. Magnum has been in business for thirty-seven years. It wasn't until the mid seventies that the company established itself by specializing in tuners. By 1989, the aforementioned Etude onto the market and quickly became a reference standard component. For the past few years, Manfred Breuning, chief designer and tuner specialist, has been working on a no-holds-barred design with which to make a statement; and the result is what the company calls the Magnum Analog Tuner model MD 108.

Appearance:

Although one word may describe it all, we are obliged to elaborate (the one word being STUNNING). This tuner is somewhat larger than most. It stands 6 inches high, 18 3/4 inches wide and is 15 1/2 inches deep. At first glance one's attention is drawn straight to the centre of the faceplate, since the tuner employs a Magic Eye -- a fine-tuning device popular in the fifties. This Magic Eye glows seductively in the dark (and even in daylight) and gets one right where it counts, namely, in the little old audiophile soul. Under the Eye, 3/4 inch large LEDs allow a clear view of the station frequency. To the left and right of the Eye, a multipass meter and a signal-strength meter take up a good portion of the handsome faceplate. A large antenna input selector switch on the left and a large tuning knob on the right as much as send thrills up a connoisseur's spine. The Antenna selector allows 2 positions for external antennas and 2 positions for cable inputs with small green LEDs above the knob. Above the tuning knob two small green LEDs indicated Mute and Stereo. An array of toggle switches on the bottom of the tuner control the functions of (from left to right) Power, Mute, Stereo/Mono, followed by BW1, 2 and 2 (Bandwidth), Blend and Dim (dimmer switch). To say that this component looks impressive, is an understatement.

On the rear of the unit, one finds the various antenna inputs, Balanced outputs (to complement the OCM preamp, no doubt), a pair of unbalanced (RCA) outputs and the AC socket (the unit comes with a detachable AC cord). All told, this tuner is laid out impressively, sporting clean lines and logically arranged function switches. It emanates class and breeding. An aluminum sleeve that can double for a suitcase is included.

Did we leave you with the impression that we like it? Now to what's going on with that impressive chassis.

Technology

Tuner manufacturers strive to get us radio signals and all tuners have a potentiometer in common. Yet, same as with amplifiers which have transformers in common, the sonic differences are as numerous as there are discrepancies, models, manufacturers etc. Breuning (Magnum's head designer) addressed all of the known technical parameters such as sensitivity, spurious response, image rejection, adjacent channel selectivity and frequency response. Two low-noise dual gate FETs were chosen to enable regulation with a clever automatic gain circuitry. The IF section offers three settings for bandwidth, BW1 is for ultra-wide and best frequency response, while the second setting combines excellent frequency response with high channel selectivity. The third setting -- super narrow -- is there for extreme reception conditions. Magnum employs phase linear matching parts, which are hand-selected to assure precise band-pass. An IF integrated circuit provides all meter outputs as well as the keyed AGC that works with the low-noise FETs in the RF section. The tuner's multiplex component was chosen for its high rejection modes and superb sonic quality to continue into special passive lowpass filters which were selected again for their sonic quality. The output section of the tuner is driven with two 12AX7 vacuum tubes made by Svetlana. The signal path from the RF section to the audio section is wired with Kimber Solid Silver wire but separated by an aluminum shield. A New Metal shielded transformer is employed for the audio section. Six regulators supply the various sections in the RF stage, filtering out the noise in the signal path. The tuning potentiometer is a precision unit coupled to a large tuning knob via a gold plated flywheel and clutch assembly. A hand tooled tuning shaft is there as well. The two meters are taut band precision instruments for absolute accuracy. A hand tooled tuning shaft is there as well. The two meters are taut band precision instruments for absolute accuracy. The front-panel controls for the circuits are gold-plated momentary switches. There is more information on the audio section, but it didn't arrive in time for this evaluation. Basically, this is a hybrid full analog tuner with the only digital section being the readout (channel display) section.

To say that this tuner is a no-holds-barred design is almost an understatement. However, the workmanship and the careful selection of components is audible as we get to what's important ...

The Sound:

All we can say is that we are sorry that the audio dictionary doesn't have enough of a vocabulary to express what this device can and will do. However, we'll give it the proverbial shot:

Imagine a tuner that, when played, sounds as good as a CD player. Imagine also, that the tuner can bring in fringe stations which most of our local audiophiles don't even know exist. To top off these features, imagine the finest, most detailed amplifier you have ever listened to--and you get close to that experience when you listen to this tuner.

All of the visitor to our studio practically stopped in their tracks to take a look at the MD 108; and without exception, they wanted to get their hands on it and feel it. Everyone wanted to listen to the Magnum; and everyone remarked that the sound quality was superb. Phrases such as mean, exceptional, great, amazing, and some more we can't remember came out of the mouths of every single person that had a chance to listen to this tuner.

Synopsis & Commentary:

As we said at the beginning of this report, it has been a while since we reviewed a tuner and it has been even longer since we came across a tuner of this calibre. Our editor claims that the last exciting tuner he came across had also been a Magnum, the model Etude. Before the Magnum, the only tuner kicking his fancy had been the now discontinued McIntosh MR-80.

It's relatively easy to get a tuner which brings in your local stations; and if one uses a radio to listen to the news and weather reports, the quality matters little. If, however, music is the priority--and we don't mean elevator-type background information--a tuner must perform just as good as any other component in the audio system. Our regular First Reflections columnist Ron Sanders, uses his tuner to listen seriously to classical music. He has had every serious and expensive tuner in his house and finally settled on a vintage Marantz 10 B which went through a thorough tuneup and tweak-up before he settled down and enjoyed the music. Prior to the Marantz, he owned a Magnum, auditioned an expensive Sequerra, played around with antennas and did many other foolish (not to him) things. All that, so he could listen to a difficult-to-get station here in Toronto, namely WNEB, the commercial-free public radio station from Buffalo, N.Y.

The Magnum 108 isn't made for the casual listener, to be sure; it has been built to complement a high-end, highly resolving audio system, regardless of brand name, regardless of solid state versus vacuum tube preferences and, of course, not at all regarding cost. Not many audio enthusiasts can spare the sort of cash required to get this quality of FM programming, but those who can afford this tuner, are buying the best, maybe even a collector's item.

SPECIFICATIONS

Usable Sensitivity-Mono	0.7 uV	9.0 dBf
50 dB quieting-Mono	2.0 uV	9.9 dBf
50 dB quieting-Stereo	2.3 uV	20.0 dBf
Capture Ratio		1.5 dB
Image Rejection		125.0 dB
Signal to Noise Ratio		80.0 dB
Alternate Channel Attenuation - WIDE		46.0 dB
Alternate Channel Attenuation - NARROW		60.0 dB
Alternate Channel Attenuation - SUPER NARROW		80.0 dB
Adjacent Channel Attenuation - WIDE		3.0 dB
Adjacent Channel Attenuation - SUPER NARROW		48.0 dB
THD - Mono		0.10%
THD - Stereo		0.10%
Stereo Separation		50.0 dB
AM suppression		70.0 dB
SCA rejection		80.0 dB
I.F. Rejection		125.0 dB
19 Khz and 38 Khz component rejection		75.0 dB
Audio frequency response (±1 dB)	15 Hz - 17 Khz	
Balanced Audio Output		2.2 V
Line Audio Output		1.0 V
Line power (must be specified)	120, 220, 230, 240 Vac	
Dimensions (inches HWD)	5 x 19 x 16	
Dimensions (cm HWD)	12.8 x 48.3 x 40.7	
Weight (lbs/Kg)	40/17.7	
Power Consumption (Typ./Max)	50 W / 100	



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